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SAN FRANCISCO. BOARD OF SUPERVISORS.

BOND ISSUES.

1. Board of Public works. Proposed bond issue submitted to the voters, Monday, May 11, 1908; for schools, hospitals, Hall of Justice and county jail.

2. Board of supervisors. Sewer system of San Francisco. Proposed bond issue, May 11, 1908.

3. Board of supervisors. Bids for bonds, Sept. 8, 1908.

4. Board of supervisors. Notice of sale of bonds... Sept. 8, 1908.

5. Board of supervisors. Bids for bonds...Feb. 8, 1909.

6. Board of supervisors. Bonds. Matters relating to the five per cent gold bonds of the city and county of San Francisco. Issue of 1908.

7. Board of supervisors. Notice of sale and proposal for purchase of Geary street railway bonds, city and county of San Francisco. Monday, May 16, 1910.

8. Board of supervisors. Information for voters concerning the proposed bond issue of the city and county of San Francisco. Monday, May 11, 1908.

Total	$17,160,000	$3,152,600	$12,007,400	$1,720,000	600

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REPORT

—OF THE—

CITY ARCHITECT

TO THE
BOARD OF PUBLIC WORKS
UPON BUILDINGS
TO BE USED FOR

SCHOOLS, HOSPITALS, HALL OF JUSTICE AND COUNTY JAIL

FOR SAN FRANCISCO

IN CONNECTION WITH THE

PROPOSED BOND ISSUE

SUBMITTED TO THE VOTERS

MONDAY, MAY 11, 1908

Published by Authority of the
BOARD OF SUPERVISORS
JOHN E. BEHAN, Clerk.

CARLISLE & CO., PRINTERS 1130 MISSION STREET

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Dept. of Public Works, Board of Public Works, Bureau of Architecture, 311-314 Grant Building.

San Francisco, March 14, 1908.

Mr. Marsden Manson,

City Engineer,

Of the City and County of San Francisco.

Dear Sir:

There is herewith submitted to you for transmission to the Board of Public Works, a descriptive plan and estimate of cost for Buildings and Lands for Schools, Hospitals and Lands therefor, Hall of Justice, County Jail, etc., as required by Declaratory Ordinance No. 353, New Series, and Resolution No. 1914, New Series, of the proposed Bond Issue.

Yours very truly,

NEWTON J. THARP,

City Architect.

BUILDINGS AND LANDS FOR SCHOOLS

(Section A.)

PLAN: Twelve fireproof "Class A" buildings, as enumerated below. Said buildings to be built in the very best manner of fire and earthquake-proof construction not over two stories and basement in height, with broad staircases and halls, and all necessary finishing woodwork except flooring, covered with sheet metal. Said buildings to have the best heating and ventilating installation and clock and telephone systems, fire and burglar alarms, and to be fully equipped for use.

Said buildings to contain, in addition to the number of class rooms specified, office and teachers' rooms, assembly hall, play rooms, and all utility rooms and areas common to the best principles of school planning and construction.

ADAMS GRAMMAR SCHOOL.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on the North side of Eddy Street, between Van Ness Avenue and Polk Street.

The estimated cost of construction of said building is One Hundred and Twenty (120) Thousand Dollars.

DENMAN GRAMMAR SCHOOL.

A "Class A" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, on the North side of Page Street, between Steiner and Pierce Streets.

The estimated cost of construction of said building is One Hundred and Sixty (160) Thousand Dollars.

FRANKLIN GRAMMAR SCHOOL.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on Eighth Street, near Harrison.

The estimated cost of construction of said building is One Hundred and Twenty (120) Thousand Dollars.

HANCOCK GRAMMAR SCHOOL.

A "Class A" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Filbert Street, near Jones.

The estimated cost of construction of said building is One Hundred and Sixty (160) Thousand Dollars.

JEAN PARKER GRAMMAR SCHOOL.

A "Class A" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Broadway, between Powell and Mason Streets.

The estimated cost of construction of said building is One Hundred and Sixty (160) Thousand Dollars.

JOHN SWETT GRAMMAR SCHOOL.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on McAllister Street, between Franklin and Gough Streets.

The estimated cost of construction of said building is One Hundred and Twenty (120) Thousand Dollars.

JEFFERSON PRIMARY SCHOOL.

A "Class A" building of eight (8) class rooms, to be constructed on the present site, the property of the City and County, on Bryant Street, between Sixth and Seventh Streets.

The estimated cost of construction of said building is Eighty Thousand (80,000) Dollars.

LINCOLN GRAMMAR SCHOOL.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on Harrison Street, near Fourth.

The estimated cost of construction of said building is One Hundred and Twenty (120) Thousand Dollars.

ORIENTAL PUBLIC SCHOOL.

A "Class A" building of eight (8) class rooms, to be constructed on the present site, the property of the City and County, on Clay Street and Powell Street.

The estimated cost of construction of said building is Eighty (80,000) Thousand Dollars.

MISSION GRAMMAR SCHOOL.

A "Class A" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Mission street, between Fifteenth and Sixteenth Streets.

The estimated cost of construction of said building is One Hundred and Sixty (160) Thousand Dollars.

IRVING PRIMARY SCHOOL.

A "Class A" building of eight (8) class rooms, to be constructed on the present site, the property of the City and County, on Broadway, between Montgomery and Sansome Streets.

The estimated cost of construction of said building is Eighty (80,000) Thousand Dollars.

SPRING VALLEY GRAMMAR SCHOOL.

A "Class A" building of twelve (12) class rooms, to be constructed on a site, the property of the City and County, on Washington Street, between Hyde and Larkin Streets.

The estimated cost of construction of said building is One Hundred and Twenty (120,000) Thousand Dollars.

Total for "Class A" buildings, grammar and primary$1,480,000.00

(Section B.)

PLAN: Nineteen "Special Construction" buildings enumerated below. Said buildings to be built of the very best manner of frame construction on brick or concrete foundations. The frame work to be put together with an especial view toward resistance to earthquake and to be covered entirely on exterior and interior and under all finish floors with metal lath and cement or hard finish. All woodwork necessary for finishing purposes on both exterior and interior, including frames and sash, to be covered with sheet metal.

Said buildings to be not over two stories and basement in height and to have broad staircases and halls, and at least three exits from the first story to yards or streets.

Said buildings to have the best heating and ventilating installation, and clocks and telephone systems, fire and burglar alarms, and to be fully equipped for use.

Said buildings to contain, in addition to the number of class rooms specified, office and teachers' rooms, assembly hall, play rooms, and all utility rooms or areas common to the best principles of school planning and construction.

BRYANT COSMOPOLITAN PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on York Street, between 22nd and 23rd Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

CLEMENT PRIMARY SCHOOL.

A "Special Construction" building of twelve (12) class rooms, to be constructed on a site to be acquired by the City and County, on Day and Noe Streets.

The estimated cost of construction of said building is Eighty Thousand (80,000) Dollars.

COOPER PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Greenwich street, between Jones and Leavenworth Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

PEABODY PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Sixth Avenue, near California Street.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

HOLLY PARK PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, on Holly Park Avenue, between Highland Avenue and West Park.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

MADISON PRIMARY SCHOOL.

A "Special Construction" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on Clay Street, between Walnut and Laurel Streets.

The estimated cost of construction of said building is Eighty (80,000) Thousand Dollars.

MARSHALL PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Nineteenth Street, between Valencia and Guerrero Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

McKINLEY PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Fourteenth and Castro Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

SHERIDAN PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Minerva Street, near Plymouth Avenue.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

SOUTH END PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms to be constructed on the present site, the property of the City and County, on Burrows Street, between Berlin and Girard Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

GRATTAN PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Alma Street, near Grattan Street.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

SUTRO GRAMMAR SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Twelfth Avenue, between Clement and California Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

WEST END PRIMARY SCHOOL.

A "Special Construction" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on west side of Mission Street, between Naglee and Worden.

The estimated cost of construction of said building is Seventy-five (75,000) Thousand Dollars.

LAKEVIEW PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, a block bounded by Plymouth and Grafton Streets, Golden State and Holloway Avenues.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

JACKSON PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, north of Panhandle, between Stanyan and Baker Streets.

The estimated cost of construction of said building is One Hundred (100,000) Thousand Dollars.

CLEVELAND PRIMARY SCHOOL.

A "Special Construction" building of twelve (12) class rooms, to be constructed on a site to be acquired by the City and County, bounded by Persia, Brazil, Athens and Moscow Streets.

The estimated cost of construction of said building is Seventy-five (75,000) Thousand Dollars.

STARR KING PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on San Bruno Avenue, near Twenty-fifth Street.

The estimated cost of construction of said building is Seventy-five (75,000) Thousand Dollars.

F. J. McCOPPIN PRIMARY SCHOOL.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Sixth Avenue, between B and C Streets.

The estimated cost of construction of said building is One Hundred Thousand (100,000) Dollars.

Total for "Special Construction" buildings, grammar and primary. . $1,685,000.00

(Section C.)

PLAN: Three fireproof "Class A" high school buildings as enumerated below. Said buildings to be built in the very best manner of fire and earthquake-proof construction, not over three stories and basement in height, with broad staircases and halls, and all necessary finishing woodwork, except flooring, covered with sheet metal. Said buildings to have the best heating and ventilating installation, clock and telephone systems, fire and burglar alarms, and to be fully equipped for use.

GIRLS' HIGH SCHOOL.

A "Class A" building of not less than twenty (20) class rooms, to be constructed upon the present site, the property of the City and County, on the east side of Scott Street, between O'Farrell and Geary Streets. Said building to contain in addition to the class rooms, offices, teachers', recitation and drawing rooms, chemical, physical and biological laboratories, large assembly room, and lecture halls, gymnasium and all other rooms and utility areas common to the best principles of the planning and construction of high schools.

The estimated cost of construction of said building is Four Hundred and Fifty Thousand (450,000) Dollars.

LOWELL HIGH SCHOOL.

A "Class A" building of not less than twenty (20) class rooms, to be constructed upon a site to be purchased by the City and County, on the west side of Octavia Street, between Bush and Sutter Streets. Said building to contain in addition to the class rooms, offices, teachers', recitation and drawing rooms, chemical, physical and biological laboratories, large assembly room and lecture halls, gymnasium, and all other rooms and utility areas common to the best principles of the planning and construction of high schools.

The estimated cost of construction of said building is Four Hundred and Fifty Thousand (450,000) Dollars.

COMMERCIAL HIGH SCHOOL.

A "Class A" building of not less than twenty (20) class rooms, to be constructed upon a site, the property of the City and County, on the north side of Grove Street, between Larkin and Polk Streets.

Said building to be not over four stories and basement in height, to contain in addition to class rooms, office and teachers' rooms, and all utility rooms or areas common to the best principles of the planning and construction of commercial high schools.

The estimated cost of construction of said building is One Hundred and Ninety Thousand (190,000) Dollars.

ADDITION TO MISSION HIGH SCHOOL.

A "Class C" building of the same general dimensions as the present building, to be constructed on a site adjacent to the present one, and to be acquired by the City and County, on Church Street, between Dorland and Eighteenth.

Said building or addition to be of a design harmonious in every way with the present Mission High School, and to be planned with a view toward supplementing and adding to its effectiveness.

The estimated cost of construction of said buildings or addition is One Hundred and Fifty Thousand (150,000) Dollars.

Total cost of three high schools and addition$1,240,000.00

(Section D.)

LANDS RECOMMENDED BY THE BOARD OF EDUCATION FOR ACQUISITION UNDER THE BOND ISSUE.

LOWELL HIGH SCHOOL—Lot west side Octavia Street, between Bush and Sutter; 275 x 137½ feet$ 165,000

MISSION HIGH SCHOOL—Lot 162 x 231 feet on Church Street, between Dorland and 18th, adjoining present school site.... 65,000

DENMAN GRAMMAR—Lot on north side of Page street, beginning 137½ feet east of Pierce Street; thence running easterly 165 feet, by irregular depth 25,000

HANCOCK SCHOOL—Lot 60 x 120 feet on north side of Filbert Street, near Jones, east of present site 12,000

IRVING PRIMARY—Lot 34½ x 137½ feet on north side of Broadway, west of present school site 10,000

CLEVELAND PRIMARY—Block bounded by Persia, Brazil, Athens and Moscow Streets 10,000

RINCON PRIMARY—Lot 200 x 250 feet, corner Ripley and Alabama. 10,000

LAKEVIEW SCHOOL DISTRICT—Lot 225 x 400 feet in block bounded by Plymouth and Grafton Streets, Golden State and Holloway Avenues 20,000

JACKSON SCHOOL—Lot north of Panhandle, between Stanyan and Baker Streets, approximately 137 feet 6 inches x 200 feet... 40,000

CLEMENT PRIMARY—Block 172, 30th and Noe Streets, combined playground and school 30,000

HOLLY PARK SCHOOL—Holly Park Avenue, between Highland Avenue and West Park, 150 feet x irregular depth frontage.. 25,000

PACIFIC HEIGHTS SCHOOL—Lot 25½ x 127 feet, Jackson Street, west of and adjacent to present site; lot 24½ x 90 feet, east of and adjacent to present site 25,000

HORACE MANN SCHOOL—Lot 75 x 125 feet, Valencia Street, south of and adjacent to present school site 30,000

SHERIDAN SCHOOL—Lot 100 x 125, Minerva Street, near Plymouth Avenue, north of and adjacent to present school site 8,000

AGASSIZ PRIMARY—Lot 75 x 125, Bartlett Street, south of and adjacent to present school site 15,000

HARRISON SCHOOL—Lot 331 x 274 feet, average, irregular depth on 34th Avenue, between Railroad Avenue and "J" Street. 11,000

EVERETT GRAMMAR—Lot 28 x 160 feet, Sanchez Street, north of and adjacent to present school site 10,000

COLUMBIA GRAMMAR—Lot 47½ x 100, Florida Street, east of and adjacent to present school site	9,000
JEAN PARKER—Lot 40 x 137½, Broadway, west of and adjacent to present school site	12,000
SPRING VALLEY—Lot 137½ x 137½ feet, on south side of Jackson Street, between Hyde and Larkin Streets, rear of and adjacent to rear school site	35,000
YERBA BUENA—Lot 75 x 120 feet, on north side Greenwich Street, east of and adjacent to present site	8,000
Or upon parcels, or lots of land of similar size and like value in the immediate neighborhood of each of the said lots or parcels of land above described.	
Total	$ 575,000
Balance for purchase of other sites located in new suburban districts in southern sections of Mission and Potrero, where no school sites are now provided	20,000
Total	$ 595,000

RECAPITULATION.

Total for "Class A" buildings—grammar and primary	$1,480,000
Total for "Special Construction" buildings—grammar and primary	1,685,000
Total for high school buildings	1,240,000
Total for lands to be acquired	595,000
	$5,000,000

Approved:
MARSDEN MANSON,
City Engineer.
March 16, 1908.

HOSPITALS AND LANDS

PLAN.—A "Class A" thoroughly fire and earthquake proof group of buildings, to be constructed on the present site, the property of the City and County of San Francisco, and an additional lot of land, to be acquired by the City and County in proximity to the present site, both described as follows:

Present Site: A lot or parcel of land, 480 x 866 feet, bounded by Potrero Avenue, Twenty-second Street, San Bruno Avenue and Twenty-third Street.

Site to Be Acquired: (Parcel 1): A lot or parcel of land, being the whole of the block bounded by San Bruno Avenue, Twenty second Street, Vermont Street and Humboldt Street. (Parcel 2): A lot or parcel of land, being the whole of the block bounded by San Bruno Avenue, Humboldt Street, Vermont Street and Twenty-third Street.

Said group of buildings to be composed of a main buildiug for acute and surgical cases, a group of pavilions for tuberculosis patients, and a group ot pavilions for the mild infectious cases.

The main building to be a six or seven story structure, with accommodations for five hundred beds. Said building to contain all Administrative Offices common to the entire Hospital scheme of the City; kitchen and dining rooms, operating rooms, physicians', examination, nurses' and servants' rooms, and all other general utility and storage spaces necessary to the proper operation of a modern Hospital.

The Pavilion Wards, arranged separately from the main structure for tuberculosis patients, to have accommodations for two hundred and fifty beds.

Said group of buildings shall contain kitchen and dining rooms, such administrative, physicians', examination, nurses' and servants' rooms, and all other general utility and storage spaces as shall be necessary to the proper operation of a modern hospital intended for that class of patients.

The Pavilion Wards, arranged separately from the main and tuberculosis sections, for the treatment of mild infectious cases, to have accommodations for fifty beds.

Said group of buildings shall contain kitchen and dining room, such administrative, physicians', examination, nurses' and servants' rooms, and all other general utility and storage spaces as shall be necessary to the proper operation of a modern hospital intended for that class of diseases.

All of the above buildings to have the best lighting, heating and ventilating installation, and a fully equipped laundry to be upon the site. Each building to be supplied with all necessary fixtures.

The estimated cost of construction of said group of buildings, with all necessary outbuildings and grounds, and the lands to be acquired as described above, is $2,000,000.

Approved.

MARSDEN MANSON, City Engineer.

March 16, 1908.

HALL OF JUSTICE, COUNTY JAIL, ETC.

PLAN.—A "Class A" thoroughly fire and earthquake proof building or buildings, to be constructed on the present site, the property of the City and County of San Francisco, and an additional lot of land, to be acquired by the City and County in proximity to the present site, both described as follows:

Present Site: (Parcel 1): Commencing at the point of intersection of the easterly line of Kearny Street with the southerly line of Washington Street; continuing thence easterly along the southerly line of Washington Street 160 feet; thence at right angle southerly along the westerly line of Dunbar Alley 137 feet 6 inches; thence at right angle westerly along the northerly line of Merchant Street 160 feet; thence at right angle northerly along the easterly line of Kearny Street 137 feet 6 inches to the point of commencement.

Present Site: Portion of which is now under acquirement from previous bond issue. (Parcel 2): Commencing at the point of intersection of the easterly line of Dunbar Alley with the southerly line of Washington Street; continuing thence easterly along the southerly line of Washington Street 106 feet 6½ inches; thence at right angle southerly 137 feet 6 inches; thence at right angle westerly along the northerly line of Merchant Street 106 feet 6½ inches; thence at right angle northerly along the easterly line of Dunbar Alley 137 feet 6 inches to the point of commencement.

Site to Be Acquired: Commencing at the point of intersection of the easterly line of Kearny Street with the southerly line of Merchant Street; continuing thence easterly along the southerly line of Merchant Street 168 feet 6 inches; thence at right angle southerly 108 feet 9 inches; thence at right angle westerly along the northerly line of Clay Street 168 feet 6 inches; thence at right angle northerly along the easterly line of Kearny street 108 feet 9 inches to the point of commencement.

Said building or buildings to provide ample areas for the present and future needs of the departments of the municipal government enumerated below, which shall be inclusive of all public and private offices and general utility and storage spaces necessary to the proper conduct of the business of the different departments.

EXECUTIVE DEPARTMENT.—The Coroner, Morgue, etc.

LEGAL DEPARTMENT.—District Attorney's Deputy, the Police Courts, Bond and Warrant Clerk.

POLICE DEPARTMENT.—Police Commissioners, Chief of Police, Detective Bureau, Central Police Station, City Prison, Drill and Shooting Gallery, etc.

HEALTH DEPARTMENT.—Board of Health, Central Emergency Hospital.

COUNTY JAIL.—With accommodation for 200 prisoners, arranged in such a manner as to admit of extension.

Said building or buildings to be of the best office building type of planning and construction.

Said building or buildings to be built of as many stories in height as is consistent with sound principles of good design and proper lighting, and of a general character of design that will indicate the particular functions.

The estimated cost of construction of said building or buildings and lands is one million (1,000,000) dollars.

Approved.

MARSDEN MANSON, City Engineer.

March 16, 1908.

SPECIAL REQUEST TO VOTERS

As the law requires that two-thirds of all the votes cast **AT THE ELECTION** shall be in favor of a proposition to issue bonds, in order to authorize their issuance, all voters are requested to **VOTE ON ALL PROPOSITIONS.** A failure to vote on any proposition is, in effect the same as a vote against it. Do not, therefore, be indifferent. Investigate all the six propositions and vote on each one of them, according to your best judgment.

S.F. 20

REPORT

—OF THE—

CITY ENGINEERS

—OF A—

SEWER SYSTEM

FOR SAN FRANCISCO

AS MADE TO THE
BOARD OF SUPERVISORS
IN CONNECTION WITH THE

PROPOSED BOND ISSUE

SUBMITTED TO THE VOTERS

MONDAY, MAY 11, 1908

Published by Authority of the
BOARD OF SUPERVISORS
JOHN E. BEHAN, Clerk.

CARLISLE & CO. PRINTERS 1130 MISSION STREET

THE CONSTRUCTION OF A SEWER SYSTEM.

DATA AVAILABLE.—Fortunately very extensive studies have been made of this problem and printed reports of the results are available. However, all the original notes and large scale maps of existing and proposed sewers were destroyed in April, 1906, but the undersigned and several members of the engineering staff of the City Engineer's office were employed on the original work.

The following printed reports are available.

"Progress Report of the Engineers in Charge to Devise and Provide a System of Sewerage," (1892-1893), Board of Engineers, Prof. Davidson, Col. Mendell, M. Irving Scott, Marsden Manson and C. E. Grunsky.

"Report Upon a System of Sewerage," C. E. Grunsky, Marsden Manson, Chas. S. Tilton, City and County Surveyor, and Rudolph Hering, Consulting Engineer, 1899.

"Report Upon a Sewerage System for San Francisco, Cal.," by C. E. Grunsky, City Engineer. Date, June 30, 1903. Municipal Reports, San Francisco, 1902-1903.

Studies and modifications of the above under the Board of Public Works, 1900-1907, by City Engineer Grunsky and Principal Assistant Engineer Connick.

These data are made use of in the preparation of this report.

TOPOGRAPHY OF THE PENINSULA.

The topographical features of the peninsula on which San Francisco is built have been quite fully described in the reports previously made, and are fully detailed on the printed maps accompanying these reports.

The City and County is in the shape of an irregular square, with sides nearly seven miles long and running north and south and east and west; out of the northwest corner of this irregular square a smaller one about four square miles in area, is cut out. The east and north shores on the peninsula are washed by the waters of the bay, and the west by the Pacific Ocean.

The natural watersheds are, therefore, three: westwardly into the ocean; eastwardly into the bay; and northerly into the bay and Golden Gate. The ridge dividing the ocean drainage from that of the bay crosses the southern boundary of the county near its median point and extends in a nearly direct line to Fort Point. The elevations of this ridge range from 250 to 900 feet. Thus, by far the greater portion of the area permits of rapid gravity drainage. This ridge, together with the minor subdivision ridges control the division of the city and county into sewage districts.

DISPOSITION OF DRAINAGE AND SEWAGE.

The topography of the peninsula of San Francisco is such that its drainage of whatever nature must be discharged from its easterly and northerly slopes into the Bay of San Francisco and from its westerly slope into the Pacific Ocean. No other rational and economic disposition is possible.

The degree of dilution secured by the solution of proper points of outfall is such that no perceptible polution of the waters of the bay can result.

POINTS OF OUTFALL.

These may be: (1) Multiple, or to the most direct points of discharge in conformity with the plans more or less, followed prior to January, 1900, which provided some 125 points of discharge between Hunter's Point and the Presidio, and which have resulted in the nuisances now existing on the bay frontage; or (2) They may be selected as recommended in the reports above referred to, and which are reaffirmed in this report.

The selected points were chosen by reason of the strong tidal currents which sweep between them and the shore, thus giving maximum dilution of sewage, together with its entire removal from the shores of the bay and ocean.

In selecting these points of outfall the following principles have been observed.

1st. To remove and suppress the present nuisances around the bay frontage from Butchertown to Washerwoman's Bay, notably at Islais Creek, Channel street, the foot of Brannan, Washington, Pacific, Powell and other streets, by collecting the sewage in large mains and discharging it only at selected points where tidal currents will sweep it into deep water, distribute and dilute it to the maximum extent, and thus to make the shore waters of the bay adjacent to the wharves and docks clean and pure.

2d. To preserve forever from any taint or appearance of contamination the waters and shores of the beach at and south of Point Lobos.

These selected points of discharge were determined upon only after a series of observations by means of floats conducted during all stages of the tides and over a period of three months and a critical study of the results.

The points at which the sewage will ultimately be discharged are:

1. Off Hunter's Point.
2. Off the northerly termination of Dupont street.
3. Off the northerly termination of Pierce street.
4. Off Mile Rock Point.

The plans are as follows:

1. To conduct by gravity by means of sewers in Milliken street and Visitacion avenue, the sewage from Visitacion Valley to a temporary outfall in the bay just north of the southerly boundary line of the City and County.

2. To conduct by gravity all of the sewage, together with that fraction of the drainage due to a rainfall of ¼ of an inch in twenty-four hours from the Hunter's Point district, as shown on the accompanying plan, the aggregate area of which is over 2,300 acres.

The main sewer will commence at Mission and Springdale streets and follow along the best grades and alignments in a general easterly and southeasterly direction to Fifth avenue and H street, where it will discharge temporarily into the waters of the bay; eventually it is to be continued to Hunter's Point, and carried into the deep waters of the bay, well off shore.

Ultimately this gravity main will receive by pumping the sewage from the flat districts south of Islais Creek Channel and from those to the north of South Basin. At selected points drainage in excess of the rainfall above noted is to be carried by relief sewers along the most direct lines of the bay. The temporary outfall above noted is to serve as a future storm water outlet.

NORTH POINT MAIN.

This main will commence at Treat avenue and Twenty-ninth street, where it receives several sub-mains and will be located thence along the best grades and alignments to the outfall point, receiving en route the several sub-mains serving the sub-districts of this district. In this location due regard will be had to the results of studies now in progress as to the stability of the foundations at certain points.

At selected points this main is to be relieved of drainage water, in excess of the rainfall named, and this excess storm water conducted by gravity relief sewers to the most convenient points of discharge in the bay or its tidal estuaries. The main will serve about eighty per cent of

the present population. The separate system and pumping stations are necessitated by the following facts: Over the district east of Sansome and between the bases of Telegraph and Rincon hills, and over the flat area between Howard street and Central Basin, officially established grades are too low to give adequate basement and sanitary drainage; hence, these districts must be separately sewered for these purposes; and storm drainage waters must be carried by large sewers to the most suitable and convenient points of outfall on the water front and on Channel street.

UPPER ISLAIS CREEK SEWER DISTRICTS.

In the earlier studies made of the disposition of sewage from the upper Islais Creek sub-districts, preference was given to passing this sewage through the divide by tunnel and delivering it into the North Point main; and to divert surface flood waters down Islais Creek. This preference was given by reason of the fact that at that time the early construction of the North Point main was probable, and that the construction of an outfall to Hunter's Point would be delayed for some definite period and a temporary outfall made use of at N street South and Fifth avenue South, which is an undesirable point at which to concentrate a large amount of sewage.

The alternate proposition of carrying this sewage to the Hunter's Point outfall, under the changed conditions which have elapsed since these first studies were made, has not been given the necessary study by reason of lack of time. The modified route will be more fully considered, and the conditions should be made sufficiently elastic to permit of its adoption, should these studies show such modifications to be preferable.

3. To collect and discharge by gravity mains off the northerly termination of Pierce street all sewage and drainage originating north of the summit of the ridge commencing at Black Point and encircling to the southwest and west the north slope of the bay drainage, aggregating about 800 acres. This district is designated as Harbor View district in the report of 1899.

The mains necessary to drain this district are in part constructed. They are to be completed and extended to the proper point of discharge well off shore.

4. To collect by gravity mains all sewage and drainage from the entire ocean slope of the peninsula, and discharge the same at Mile Rock outfall in the ocean currents washing that point. (For details of these districts and sub-districts see the reports above referred to, and maps, etc., on file in the City Engineer's office, to which special reference is hereby made.)

This main will commence at W street, near Forty-fifth avenue, and will extend thence northerly along the best grades and alignments to the Mile Rock outfall, receiving along its route the sub-mains from the Ocean View district, Sunset district and West Richmond district.

At present the sewage from the Richmond district is being discharged into the ocean opposite the northerly termination of Twenty-seventh avenue, or at the southerly end of Baker's Beach.

Ultimately it will be desirable to construct a tunnel and discharge this sewage at Mile Rock, the present outfall remaining in use as a point for storm water disposal.

These five districts will cover the entire city and county, and the mains herein proposed will be built with a full consideration of probable increase in their population.

CAPACITIES OF SEWERS.

The sewers are proposed to carry the sewage and the maximum amount of runoff due to the periods of intensely heavy rainfall indicated on the rainfall intensity diagram hereto appended.

Wherever necessary the mains of each district are to be relieved of discharge in excess of sewage and one-fourth of an inch of rainfall per twenty-four hours. This excess is to be carried by relief sewers to the most convenient outfall point. The relief sewers will be called into use on the average less than thirty days each year, and may be expected to serve up to their full capacity about once or twice a year. Beyond the points of relief the mains will be reduced in capacity to the sewage plus the runoff due to one-fourth of an inch rainfall per twenty-four hours.

The sewers herein provided for will supply the necessary outfall to all the new and growing sections of the city as well as those now quite densely built up. It is intended that by the later construction of the necessary sub-mains and laterals no portion of the City and County shall be left without proper drainage and sewerage facilities. Detailed studies are being made with a view of reducing the area of some of the pumping districts, which are served by the separate system, by the introduction of gravity pressure mains.

PROPOSED SEWERS.

In order to indicate clearly which sewers are recommended for early construction the following table has been prepared. The estimate of cost covers the construction of all the sewers which are recommended for immediate construction, even in those cases where streets are not now ready to receive them and where several years may elapse before their construction.

The information in the tables relating to sewer sizes is given in detail so far as definiteness could be given to the location of sewers, except in the following cases:

In the case of Yerba Buena District, a complete system of sewers for the collection of sewage proper, are recommended for immediate construction, and are covered by the cost estimate.

In the case of Mission Flats District, the sewers embrace the entire system of sewers for sewage proper except a few local sewers on unimproved water-front property, and embraces also the sewers at once required south of Channel street.

All of the structures and devices of every kind, including manholes, connections with old sewers, relief outlets, pumping stations and out-fall works, which are necessary for the successful operation of sewers now recommended for construction, are to be considered a part of these sewers and are not specifically enumerated in the following table, but are covered by the estimate of cost.

Abbreviations used in the table are as follows:

N. North or northerly.
So. South or southerly.
E. East or easterly.
W. West or westerly.
Br. Brick. (Brick means either brick, or concrete and brick.)
Br. conc. means brick and concrete.
I. S. P. Iron-stone pipe.
Req. Required.
Pro. Proposed.
Prod. Produced.
Sta. Station.
R. O. W. Right-of-way.
Wd. Wood.
Conc. Concrete.
Extd. Extended.
Ret. Retained.
Rec. Recommended.
Itr. Intermediate.

TABULAR EXHIBIT

SHOWING PROPOSED NEW MAIN AND INTERCEPTING SEWERS, AND OLD SEWERS ON WHICH SOME OR LESS REPAIR WORK IS TO BE DONE TO MAKE THEM A PART OF THE MAIN DRAINAGE SYSTEM; ALSO SHOWING AGGREGATE LENGTHS OF SEWERS FOR SEWAGE ONLY IN THE MISSION FLATS AND YERBA BUENA DISTRICTS, AND THE SEWERS RECOMMENDED FOR IMMEDIATE CONSTRUCTION.

NORTH POINT DISTRICT—MAIN SEWER.

Name of Street	From	To	Length Feet	Material.	Prescribed Size.	*Size of Old Sewer.
[illegible]	Canal St	Thirtieth St	4158	Tunnel.	3′ x4′ 6″	
[illegible]	Thirtieth St.	Twenty-ninth St.	624	Br.-Conc.	3′ x4′ 6″	
[illegible]	Twenty-ninth St.	Valley St	312	"	3′ x4′ 6″	
[illegible]	Valley St	Duncan St	624	"	3′ 6″x5′ 3″	
[illegible]	Duncan St	Twenty-seventh	311	"	3′ 6″x5′ 3″	
[illegible]	Twenty-seventh	Army St	326	"	3′ 6″x5′ 3″	
[illegible]	San Jose Ave	Valencia St	322	"	6′ 6″	5′
‡Army St	Army St	Twenty-sixth St	304	"	2′ 6″x3′ 9″	
‡Valencia St	Valencia St	Bartlett St	321	"	3′ x4′ 6″	
*Twenty-sixth St	Bartlett St	Mission St	321	"	3′ x4′ 6″	
*Twenty-fifth St	Mission St	Capp St	317	"	3′ x4′ 6″	
*Twenty-fifth St	Capp St	Howard St	316	"	3′ x4′ 6″	
*Twenty-fifth St	Howard St	Shotwell St	317	"	3′ x4′ 6″	
*Twenty-fifth St	Shotwell St	Folsom St	316	"	3′ x4′ 6″	
*Twenty-fifth St	Folsom St	Treat Ave	316	"	3′ x4′ 6″	
*Twenty-fifth St	Twenty-sixth St	Twenty-fifth St	584	"	3′ 6″x5′ 3″	
*Treat Ave	Treat Ave	Harrison St	316	"	3′ 6″x5′ 3″	
*Twenty-fourth St	Harrison St	Alabama St	272	"	3′ 6″x5′ 3″	
*Alabama St	Twenty-fifth St	Twenty-fourth St.	584	"	3′ 6″x5′ 3″	
*Alabama St	Twenty-fourth St.	Twenty-third St.	584	"	5′	
*Alabama St	Twenty-third St.	Twenty-second St.	584	"	5′	
*Alabama St	Twenty-second St.	Twenty-first St.	584	"	5′	
*Alabama St	Twenty-first St.	Twentieth St.	585	"	5′	
*Alabama St	Twentieth St.	Nineteenth St.	474	"	5′	
*Nineteenth St	Alabama St.	Harrison St.	362	"	5′6″	
*Nineteenth St	Harrison St.	Treat Ave.	317	"	5′6″	
*Treat Ave	Nineteenth St.	Division St.	587	"	6′6″	
*Division St	Treat Ave.	Seventeenth St.	609	"	6′	
*Division St	Seventeenth St.	Harrison St.	654	"	6′	
*Harrison St	Division St.	Fifteenth St.	556	"	6′	
*Harrison St	Fifteenth St.	Fourteenth St.	584	"	6′	
*Harrison St	Fourteenth St.	Thirteenth St.	251	"	6′ 6″	
*Harrison St	Thirteenth St.	Twelfth St.	263	"	6′ 6″	
*Harrison St	Twelfth St.	Eleventh St.	270	"	6′ 6″	
*Harrison St	Eleventh St.	Tenth St.	492	"	7′	
*Harrison St	Tenth St.	Ninth St.	492	"	7′	
*Harrison St	Ninth St.	Eighth St.	633	"	7′	
*Harrison St	Harrison St.	Folsom St.	632	"	7′	
*Howard St	Folsom St.	Howard St.	633	"	7′	
*Howard St	Howard St.	Seventh St.	907	"	7′	
*Howard St	Seventh St.	Sixth St.	908	"	7′	
*Howard St	Sixth St.	Fifth St.	907	"	7′ 6″	
*Howard St	Fifth St.	Fourth St.	908	"	7′ 6″	
*Howard St	Fourth St.	Third St.	907	"	7′ 6″	
*Howard St	Third St.	Second St.	908	"	7′ 6″	
*Howard St	Howard St.	Mission St.	633	"	7′ 6″	
*Second St	Mission St.	Market St.	651	"	7′ 6″	
*Second St	Second St.	Sansome St.	356	"	7′ 6″	
*Market St	Market St.	Bush St	447	"	7′ 6″	
*Sansome St	Bush St	Pine St.	344	"	7′ 6″	
*Sansome St	Pine St.	Califonia St.	351	"	7′ 6″	

*Recommended for immediate construction.

‡Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.

NORTH POINT DISTRICT—MAIN SEWER.

Name of Street.	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
*Sansome St.	California St	Sacramento St.	341	Br.-Conc.	7′ 6″	
*Sansome St.	Sacramento St.	Clay St.	324	"	8′	
*Sansome St.	Clay St.	Washington St.	324	"	8′	
*Sansome St.	Washington St	Jackson St.	324	"	8′	
*Sansome St.	Jackson St.	Pacific St.	324	"	8′	
*Sansome St.	Pacific St.	Broadway	341	Tunnel.	8′	
*Sansome St.	Broadway	Vallejo St.	350	"	8′	
*Sansome St.	Vallejo St.	Green St.	344	"	8′	
*Sansome St.	Green St.	Union St.	344	"	8′	
*Sansome St.	Union St.	Filbert St.	344	Br.-Conc.	8′	
*Sansome St.	Filbert St.	Greenwich St.	344	"	8′	
*Sansome St.	Greenwich St.	Lombard St.	344	"	8′	
*Sansome St.	Lombard St.	East St. N.	402	"	8′	
*East St. N.	Sansome St.	Francisco St.	432	"	8′	
*East St. N.	Francisco St.	Bay St.	540	"	8′	
*East St. N.	Bay St.	North Point St.	550	"	8′	
*East St. N.	North Point St.	Beach St.	570	"	8′	
*Outfall	East St. N.	Outlet	1200	C. I. P.	Two 60″	
*Screen house at outlet						
*Overflow	Springdale and Mission Sts.					
*Overflow	Valencia St. and Army St.					
*Overflow	Treat Ave. and Eighteenth St.					
*Overflow	Harrison St. and Fifteenth St					
*Overflow	Harrison St. and Fourteenth St.					
*Overflow	Harrison St. and Eleventh St.					
*Overflow	Seventh St. at Howard St.					
*Overflow	Sixth St. at Howard St.					
*Overflow	Fifth St. at Howard St.					
*Overflow	Mission St. and Second St.					
*Overflow	Sansome St. and Commercial St.					
*Overflow	Sansome St. and Jackson St.					

NORTH POINT DISTRICT—NORTH BEACH SUB-DISTRICT.

‡Powell St	Vallejo St.	Francisco St.	2406	Brick.		3′x5′
‡Powell St	Francisco St.	North Point St.	688	"	3′ 6″x5′ 3″	3′x5′
*Powell St	North Point St.	Beach St.	344	"	6′	3′x5′ Wd
*Beach St.	Powell St.	North Point Main.	950	I. S. P.	18″	
*Powell St. overflow	Beach St.	Sea Wall	500	Brick.	6′	3′x5′ Wd
‡Bay St.	Hyde St.	Leavenworth St.	481	I. S. P.	12″	18″
‡Bay St.	Leavenworth St	Jones St.	481	"	18″	18″
*Bay St.	Jones St.	Taylor St.	481	Brick.	2′ x3′	16″
*Bay St.	Taylor St.	Mason St.	481	"	3′ x4′ 6″	16″
*North Point St.	Mason St.	Powell St.	481	"	5′ 6″	
‡Battery St	Vallejo St.	Green St.	344	I. S. P.	21″	3′x5′
‡Battery St.	Green St.	Union St.	344	Brick.	2′ x3′	3′x5′
‡Battery St.	Union St.	Greenwich St.	688	"	2′ 6″x3′ 9″	3′x5′
*Overflow	Powell St. and Beach St.					

NORTH POINT DISTRICT—FIFTH STREET SUB-DISTRICT.

‡Turk St.	Hyde St.	Market St.	2050	Brick.		3′x5′
‡Eddy St.	Jones St.	Powell St.	1444	"		3′x5′
‡Market St.	Turk St.	Fifth St.	260	"		3′x5′
‡Grant Ave. and Market St.	O'Farrell St.	Powell St.	1300	"		3′x5′
*Powell St.	Eddy St.	Market St.	100	"	3′ 6″x5′ 3″	3′x5′
*Market St.	Powell St.	Fifth St.	160	"	4′x6′	3′x5′
*Fifth St.	Market St.	Howard St.	1284	"	5′	3′x5′

*Recommended for immediate construction.

‡Existing sewer to be retained.

NORTH POINT DISTRICT—SEVENTH STREET SUB-DISTRICT.

Name of Street	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
‡McAllister St.	Gough St.	Jones St.	3370	Brick.		3′x5′ 3′x5′ 6″ 3′x5′
‡Market St.	Jones St	Seventh St.	325	"	3′ 6″x5′ 3″	3′x5′
‡Seventh St.	Market St.	Howard St.	1280	"	3′ 6″x5′ 3″	3′x5′

NORTH POINT DISTRICT—ELEVENTH STREET SUB-DISTRICT.

‡Pierce St.	California St.	Sutter St.	1040			3′x5′
‡Sutter St.	Pierce St.	Steiner St.	481	Brick.	3′x4′ 6″	3′x5′
‡Sutter St.	Steiner St.	Fillmore St.	481	"	4′ 6″	3′x5′
‡Fillmore St.	Sutter St	Post St.	344	"	4′ 6″	3′x5′
‡Eleventh St.	Oak St.center extd	Harrison St.	2520	"	6′	3′x5′
‡Buchanan St.	O'Farrell St.	McAllister St.	1720	"		3′x5′
‡Webster St	Sutter St	Turk St.	2064	"		3′x5′
‡Steiner St.	Sacramento St.	Sutter St	1382	"		3′x5′
‡Polk St	Fulton St.	Market St.,center.	1130	"		3′x5′
‡Market St.	Polk St	Eleventh St.	375	"		3′x5′
‡Grove St.	Gough St.	Franklin St.	481	"		3′x5′
‡Franklin St.	Grove St.	Hayes St	344	"		3′x5′
‡Hayes St.	Franklin St.	Van Ness Ave.	481	"		3′x5′
‡Van Ness Ave	Hayes St	Oak St.	688	"		3′x5′
‡California St.	Pierce St.	Scott St.	481	"		3′x5′
‡California St.	Scott St.	Devisadero St.	488	"		3′x5′

NORTH POINT DISTRICT—FOURTEENTH STREET SUB-DISTRICT.

*Fulton St.	Masonic Ave.	Lyon St.	978	Brick.	2′ 6″x3′ 9″	18″
*Fulton St.	Lyon St.	Devisadero St.	1450	"	3′x4′ 6″	18″
*Devisadero St.	Fulton St.	Grove St.	344	"	3′x4′ 6″	18″
‡Devisadero St.	Grove St.	Hayes St	344	"	3′x4′ 6″	3′x5′
‡Devisadero St.	Hayes St	Fell St.	344	"	3′x4′ 6″	3′x5′
‡Oak St.	Clayton St.	Scott St.	3864	"		3′x5′
‡Cole St.	Carl St.	Waller St.	1032	"		3′x5′
‡Cole St.	Waller St.	Oak St.	1175	"	3′x4′ 6″	3′x5′
‡Cole St.	Oak St.	Fell St.	344	"	3′ 6″x5′ 3″	

NORTH POINT DISTRICT—FOURTEENTH STREET SUB-DISTRICT.

‡Fell St.	Cole St.	Devisadero St.	3857	Brick.	4′ 6′	4′x5′
‡Fell St.	Devisadero St.	Scott St.	488	"	5′	4′x5′
‡Scott St.	Fell St.	Waller St.	1376	"	5′	4′x5′
‡Waller St.	Scott St.	Pierce St.	481	"	5′	4′x5′
‡Waller St	Pierce St.	Fillmore St.	962	"	5′ 6′	5′
‡Fillmore St.	Waller St.	Thirteenth St.	650	"	5′ 6′	5′
‡Thirteenth St.	Fillmore St.	Church St.	220	"	5′ 6′	5′
‡Church St.	Thirteenth St.	Fourteenth St.	632	"	5′ 6′	5′
*Fourteenth St	Church St.	Tow'ds Guerrero.	873	"	3′ x4′ 6″	5′
‡Fourteenth St.	Last named point.	Guerrero St.	450	"	3′ x4′ 6″	3′x5′
‡Fourteenth St	Guerrero St.	Mission St.	1285	"	3′ x4′ 6″	3′x5′
‡Fourteenth St	Mission St.	Howard St.	633	"	3′ 6″x5′ 3″	3′x5′
‡Fourteenth St	Howard St.	Harrison St.	1265	"	6′	6′

NORTH POINT DISTRICT—EIGHTEENTH STREET SUB-DISTRICT.

‡Eighteenth St.	Danvers St.	Douglas St.	1150			3′x5′
‡Eighteenth St.	Douglas St.	Eureka St.	310	Brick.	2′ 6″x3′ 9″	3′x5′
‡Eighteenth St.	Eureka St.	Noe St	1588	"	3′ x4′ 6″	3′x5′
‡Eighteenth St.	Noe St	Church St.	1285	"	3′ 6″x5′ 3″	3′x5′
‡Eighteenth St.	Church St.	Mission St.	2608	"	5′ 6″	3′x5′
‡Eighteenth St.	Mission St	Shotwell St.	940	"	6′	3′x5′
*Eighteenth St.	Shotwell St.	Division St.	610		6′	6′

*Recommended for immediate construction.

‡Existing sewer to be retained.

NORTH POINT DISTRICT—UPPER TWENTY-SECOND STREET SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
‡Twenty-second St.	Dolores St.	Guerrero St.	661	Brick.	2′ x3′	3′x5′
‡Twenty-second St.	Guerrero St.	Valencia St.	642	"	2′ 6″x3′ 9″	3′x5′
*Twenty-second St.	Valencia St.	Capp St.	959	"	3′ x4′ 6″	16″
*Capp St.	Twenty-second St.	Twentieth St.	1168	"	3′ 6″x5′ 3″	C. P. 16″x18″
*Twentieth St.	Capp St.	Treat Ave.	1265	"	3′ 6″x5′ 3″	14″–10″ 12″–16″
*Treat Ave.	Twentieth St.	Nineteenth St.	584	"	3′ 6″x5′ 3″	12″

NORTH POINT DISTRICT—EAST POTRERO SUB-DISTRICT.

*Pennsylvania Ave.	Twenty-third St.	Twenty-second St.	932	Brick.	2′ x3′	
*Twenty-second St.	Connecticut St.	Missouri St.	280	I. S. P.	15″	
*Twenty-second St.	Missouri St.	Texas St.	200	"	18″	
*Twenty-second St.	Texas St.	Point 10′ W. of Mississippi St.	230	"	21″	
*Twenty-second St.	Last named point.	Pt.10′ W.of E.side Pennsylvania Ave.	370	Brick.	2′ x3′	
*Twenty-second St.	Last named point.	Iowa St.	250	"	2′ 6″x3′ 9″	
*Twenty-second St.	Iowa St.	Kentucky St.	1120	"	3′ x4′ 6″	8″-16″-14″
*Kentucky St.	Twenty-second St.	Twentieth St.	932	"	3′ 6″x5′ 3″	16″
*Kentucky St.	Twentieth St.	Nineteenth St.	466	"	3′ 6″x5′ 3″	16″
*Kentucky St.	Nineteenth St.	Eighteenth St.	466	"	2′ 6″x3′ 9″	16″
*Kentucky St.	Eighteenth St.	Mariposa St.	466	"	2′ 6″x3′ 9″	

NORTH POINT DISTRICT—EAST POTRERO SUB-DISTRICT.

*Nineteenth St.	Kentucky St.	Tennessee St.	280	I. S. P.	15″	
*Tennessee St.	Nineteenth St.	Eighteenth St.	466	"	15″	16″
*Eighteenth St.	Tennessee St.	Minnesota St.	280	"	18″	16″
*Minnesota St.	Eighteenth St.	Mariposa St.	466	"	24″	8″
*Mariposa St.	Iowa St.	Indiana St.	280	"	21″	16″
*Mariposa St.	Indiana St.	Tennessee St.	560	Brick	2′ x3′	12″ & 14
*Mariposa St.	Tennessee St.	Kentucky St.	280	"	3′ 6″x5′ 3″	14″
*Mariposa St.	Kentucky St.	Illinois St.	280	"	5′	18″
*Mariposa St.	Illinois St.	100′ into the bay.	210	"	6′	18″
*Mariposa St.	Minnesota St.	Indiana St.	280	I. S. P.	18″	12″
*Mariposa St.	Indiana St.	Iowa St.	280	"	18″	
*Mariposa St.	Iowa St.	Pennsylvania Ave.	285	"	18″	
*Mariposa St.	Pennsylvania Ave.	Mississippi St.	285	"	24″	
*Mississippi St.	Mariposa St.	Seventeenth St.	466	Brick.	2′ x3′	12″
*Seventeenth St.	Mississippi St.	Texas St.	280	"	2′ x3′	
*Seventeenth St.	Texas St.	Carolina St.	1400	"	2′ 6″x3′ 9″	
*Seventeenth St.	Carolina St.	De Haro St.	280	"	4′ 6″	
*Seventeenth St.	De Haro St.	Rhode Island St.	280	"	5′	
*Rhode Island St.	Seventeenth St.	Sixteenth St.	473	"	5′	
*Rhode Island St.	Sixteenth St.	Division St.	1372	"	4″	18″
*Carolina St.	Seventeenth St.	Mariposa St.	466	"	2′ 6″x3′ 9″	
*Mariposa St.	Carolina St.	Wisconsin St.	280	"	2′ 6″x3′ 9″	
*Mariposa St.	Wisconsin St.	Arkansas St.	280	I. S. P.	21″	
*Mariposa St.	Arkansas St.	Connecticut St.	280	"	15″	
*Iowa St.	Mariposa St.	Eighteenth St.	466	"	21″	
*Indiana St.	Mariposa St.	Eighteenth St.	466	"	18″	
*Sixteenth St.	Rhode Island St.	Vermont St.	560	"	24″	3′x5′
*Sixteenth St.	Vermont St.	San Bruno Ave.	280	Brick.	2′ x3′	3′x5′
*San Bruno Ave.	Sixteenth St.	Alameda St.	939	"	2′ 6″x3′ 9″	12″
*San Bruno Ave.	Alameda St.	Division St.	433	"	3′ 6″x5′ 3″	12″
*San Bruno Ave.	Alameda St.	Division St.	433	I. S. P.	24″	12″
*Ninth and Division Sts.	San Bruno Ave.	Harrison St.	1666	"	24″	3′x5′
*Overflow	Nineteenth and Kentucky Sts.					
*Overflows	On Mariposa St. and Minnesota St., Mariposa and Indiana, and Mariposa and Iowa streets.					
*Overflow	Sixteenth St. and Rhode Island St.					
*Overflow	Alameda St. and San Bruno Ave.					

*Recommended for immediate construction.
‡Existing sewer to be retained.

NORTH POINT DISTRICT—UPPER ARMY STREET SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
‡Twenty-fourth St	Castro St..	Noe St	643	Brick.	3′ 6″x5′ 3″	3′x5′
‡Twenty-fourth St	Noe St	Sanchez St.....	643	"	3′ 6″x5′ 3″	3′x5′
‡Sanchez St..	Twenty-fourth St.	Twenty-fifth St..	584	"	4′	4′x4′
‡Twenty-fifth St., Church St. and Twenty-seventh St.	Sanchez St	Dolores St. .	2472	"	4′ 6″	3′x5′ 5′x5′
‡Twenty-seventh St	Dolores St.	Guerrero St....	661	"	5′	5′x5′
‡Guerrero St. and Army St..	Twenty-sev'th St.	San Jose Ave...	613	"	5′	5′x5′
‡Diamond St..	Twenty-eighth St.	Twenty-sev'th St.	584	I. S. P.	12″	14″
‡Diamond St..	Twenty-sev'th St.	Twenty-sixth St..	584	"	15″	14″
‡Diamond St..	Twenty-sixth St .	Twenty-fourth St.	1168	"	18″	16″

NORTH POINT DISTRICT—UPPER ISLAIS CREEK SUB-DISTRICT—MAIN SEWER.

*Sadowa St.....	Capitol Ave....	San Jose Ave.....	1300	Brick.	2′ 6″x3′ 9″	
*Sherman Ave. and Wyoming Ave..	San Jose Ave...	Naglee Ave ..	2114	"	2′ 6″x3′ 9″	
*Wyoming Ave..	Naglee Ave	Mt. Vernon Ave..	1460	"	3′ 6″x5′ 3″	
*East Lake Ave.etc.	Mt. Vernon Ave.	Geneva Ave.....	950	"	5′	
*Proposed new St.	Geneva Ave..	Seneca Ave ...	700	"	5′ 6″	
*Proposed new St. and Cayuga Ave..	Seneca Ave . .	Ocean Ave.....	1550	"	6′	
*Proposed new St..	Ocean Ave....	Jarnac St.produced	1430	"	6′ 6″	
*Proposed new St.	Jarnac St.produced	Springdale St.....	1150	"	7′	
*Springdale St....	Last named point.	Lyell St. ...	1000	"	8′	
*Springdale St.....	Lyell St. . . .	Mission St ...	1025	"	9′ 6″	

NORTH POINT DISTRICT—COUNTY LINE WEST SUB-DISTRICT.

‡Ocean Ave. . . .	Howth St.....	Tara St.....	600	I. S. P.	18″	
‡Ocean Ave.....	Tara St.....	San Jose Ave. .	800	"	21	
‡Ocean Ave. and Onondago Ave...	San Jose Ave...	Cayuga Ave.....	1540	Brick.	2′ x3′	
‡San Jose Ave.....	Unadilla Ave...	Ocean Ave.....	1496	I. S. P.	18″	

NORTH POINT DISTRICT—PERSIA AVENUE SUB-DISTRICT.

‡Persia Ave. . . .	Dublin St.....	Athens St.....	1080	I. S. P.	24″	
‡Persia Ave. . . .	Athens Ave.. ..	Edinburgh St. . . .	810	Brick.	2′ x3′	
‡Persia Ave. . . .	Edinburgh St.....	Mission St.....	1340	"	2′ 6″x3′ 9″	
‡Mission St.....	Persia Ave.....	Onondaga St.....	830	"	3′ 6″x5′ 3″	
‡Mission St.....	Amazon St... . .	France Ave..	1200	"	3′ x4′ 6″	
‡Mission St.....	France Ave.. .	Onondaga Ave....	475	"	4′ 6″	
‡Onondaga Ave....	Mission St. . .	Cayuga Ave.	731	"	5′	

NORTH POINT DISTRICT—SILVER AVENUE WEST SUB-DISTRICT.

‡China Ave.....	Edinburgh St... .	Mission St.....	1340	I. S. P.	18″	
*Mission St.....	China Ave... .	Silver Ave.....	1150	"	24″	
*Mission St.....	Silver Ave. . . .	Cuvier St.....	1450	Brick.	2′ 6″x3′ 9″	

NORTH POINT DISTRICT—LOWER ARMY-STREET SUB-DISTRICT—STORM WATER SEWERS.

‡Army St.....	Valencia St.. .	Mission St.....	574	Brick.	6′	6′
‡Army St.....	Mission St.....	Shotwell St	975	"	6′ 6″	6′ 6″
‡Army St.....	Shotwell St	Folsom St.....	362	"	7′	7′
‡Army St.....	Folsom St.....	San Bruno Ave...	2992	"	7′x8′ 6″	7′x8′ 6″
‡Army St.....	San Bruno Ave...	Kansas St.....	420	"	7′x10′	7′x10′
‡Kansas St.....	Army St.....	Marin St.extended	466	"	7′x10′	7′x10′

*Recommended for immediate construction.

‡Existing sewer to be retained.

NORTH POINT DISTRICT—EAST CORTLAND AVENUE SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
*Waterloo St..	San Bruno Ave.	Loomis St.....	400	Brick.	3′x4′ 6″	
*Loomis St.....	Waterloo St.....	Barneveld Ave.	200	"	3′x4′ 6″	
*Overflow....	Lee St. and Cortland Ave.....					
*Overflow.....	Mission St. and Army St.....					

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT—STORM WATER SEWERS.

*Division St..	Eighteenth St	Northerly line Alameda St.....	2210	Conc.-Br.	11′ 6″x8′ 9″	5′x9′ 6″ / 5′ 9″x11″
*Division St....	Alameda St..	Easterly line of Potrero Ave....	1453	"	11′ 6″x8′ 9″	7′ 3″x11′ 6″
*Division St....	Potrero Ave....	King St.....	1578	Conc.	2 compartments, 8′ 6″x8′	7′ 3″x11′ 6″ &8′6″x11′6″ box.
*King St.	Division St....	Seventh St.....	650	"	2 compartments, 8′ 6″x8′	
*Seventh St.	King St	Channel St.....	647	"	2 compartments 9′ 6 x8′	3′x5′
*Harrison-Alameda..	Fifteenth St.....	Alabama St....	621	Brick.	8′	3′x5′
*Division St....	Alameda St....	Fourt'th St. ext'd	342	"	8′	7′ 3″x11′ 6″
*Division St....	Fourt'th St. ext'd	Tenth St.....	991	"	9′	7′ 3″x11′ 6″
*Division St....	Tenth St.....	Potrero Ave.....	157	"	9′x16′	7′ 3″x11′ 6″
*Harrison St. to Ala....	Eleventh St....	Tenth St.....	490	"	8′	18″
*Tenth St..	Harrison St..	Division St.....	1265	"	8′	18″
*Seventh St.	Howard St.....	Folsom St.....	633	"	3′ 6″x5′ 3″	3′x5′
*Seventh St.	Folsom St.....	Brannan St.....	1898	"	5′	3′x5′
‡Sixth St.....	Howard St.....	Tehama St.....	220	"	3′ 6″x5′ 3″	3′x5′
‡Sixth St.....	Tehama St.....	Folsom St.....	413	"	3′ 6″x5′ 3″	3′ 6″x5′ 3″

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT—STORM WATER SEWERS.

‡Sixth St.....	Folsom St.....	Brannan St.....	1898	*Brick.	5′	5′
*Sixth St.....	Brannan St.	Channel St.....	1612	"	5′ 6″	3′x5′
*Fifth St..	Howard St.....	Folsom St.....	633	"	5′	3′x5′
*Fifth St..	Folsom St.....	Brannan St.....	1898	"	5′ 6″x11′	5′ cir.
*Fifth St..	Brannan St..	Channel St.....	1612	"	5′ 6″x11′	5′ cir.
‡Fourth St	Howard St.....	Folsom St.....	633	I. S. P.	12″	3′x5′
‡Fourth St.	Folsom St.....	Harrison St.....	633	"	24″	3′x5′
‡Fourth St.	Harrison St..	Bryant St.....	633	Brick.	3′ x4′6″	3′x5′
‡Fourth St..	Bryant St.....	Brannan St.....	633	"	4′	3′x5′
‡Fourth St..	Bryant St.....	Berry St.....	1300	"	6′ 6″	3′x5′
‡Fourth St...	Berry St.....	Channel St.....	312	"	6′ 6″	box 3′x5′
‡Fourteenth St. extended, proposed new St.	Harrison St..	Division St.....	550	"	6′	6′
‡Fourth St...	Stevenson St...	Howard St.....	1037	"		3′x5′
‡Brannan St..	Division St....	Ninth St.....	446	"		6′
‡Brannan St..	Ninth St.....	Eighth St.....	633	"		6′
‡Brannan St....	Eighth St.....	Seventh St.....	908	"		6′
‡Brannan St....	Seventh St.....	Sixth St.....	908	"		7′x9′
‡Brannan St....	Sixth St..	Fifth St.....	908	"		7′x9′
‡Brannan St..	Fifth St	Fourth St.....	908	"		7′x9′
‡Brannan St....	Fourth St.....	Third St.....	908	"		7′x9′
‡Brannan St....	Third St.....	Second St.....	908	"		7′x9′
‡Brannan St..	Second St.....	First St.....	908	"		7′x9′
‡Brannan St.	First St.....	Fremont St....	358	Wood.		7′ 6″x9′ 6″
*Overflow....	Brannan St. at Fremont.....					
‡Overflow....	Brannan St. at Fourth.....					
*Overflow....	Brannan St. at Fifth.....					
‡Overflow....	Brannan St. at Sixth.....					

*Recommended for immediate construction.
‡Existing sewer to be retained.

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT, NORTH OF CHANNEL STREET—SEWAGE ONLY.

	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
*Aggregate sewers in district	69705	I. S. P.	8″	
*Aggregate sewers in district	39325	I. S. P.	10″	
*Aggregate sewers in district	4040	I. S. P.	12″	
*Aggregate sewers in district	1730	I. S. P.	15″	
*Aggregate sewers in district	3130	I. S. P.	18″	
*Aggregate sewers in district	4090	I. S. P.	21″	
*Aggregate sewers in district	780	I. S. P.	30″	

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT, SOUTH OF CHANNEL STREET—SEWAGE ONLY.

*Aggregate sewers in district	1789	I. S.	8″	
*Aggregate sewers in district	7803	"	10″	
*Aggregate sewers in district	2863	"	12″	
*Aggregate sewers in district	908	"	15″	
*Aggregate sewers in district	160	"	18″	
*Aggregate sewers in district	200	C. I. P.	18″	

YERBA BUENA DISTRICT—STORM WATER SEWERS.

Name of Street.	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
*Commercial St.	Sansome St.	Drumm St.	1375	Brick.	5′	3′x5′
‡Drumm St.	Market St.	California St.	150	"	3′x5′	
‡Drumm St.	California St.	Commercial St.	515	"		3′x5′
*Drumm St.	Commercial St.	Jackson St.	815	"	5′ 6″	
*Drumm St.	Jackson St.	East St. N.	520	"	7′ 6″	
‡Howard St.	Second St.	East St. S.	2915	"		3′x5′
*Mission St.	Second St.	First St.	908	"	3′x4′ 6″	3′x5′
*Mission St.	First St.	East St. S.	2007	"		3′x5′
‡Market St.	Sutter St.	Drumm St.	1500	"		3′x5′
‡Bush St.	Sansome St.	Market St.	653	"		3′x5′
‡California St.	Sansome St.	Drumm St.	1375	"		3′x5′
*Outfall	Drumm St.	The Bay	200	"	7′ 6″	

YERBA BUENA DISTRICT—SEWAGE ONLY.

*Aggregate sewers in district	28410	I. S. P.	8″	
*Aggregate sewers in district	30102	"	10″	
*Aggregate sewers in district	1295	"	12″	
*Aggregate sewers in district	2665	"	15″	
*Aggregate sewers in district	260	"	18″	
*Aggregate sewers in district	580	"	21″	

HUNTER'S POINT DISTRICT—UNIVERSITY MOUND SUB-DISTRICT.

*Goettingen St.	Wayland St.	Bacon St.	460	Brick.	5′ 6″	
*Bacon St.	Goettingen St.	Berlin St.	300	"	5′ 6″	
*Berlin St.	Bacon St.	Burrows St.	460	"	5′ 6″	
*Burrows St.	Berlin St.	Girard St.	300	"	5′ 6″	
*Girard St.	Burrows St.	Felton St.	460	"	5′ 6″	
*Felton St.	Girard St.	San Bruno Ave.	300	"	5′ 6″	
*San Bruno Ave.	Felton St.	Silliman St.	460	"	5′ 6″	
*San Bruno Ave.	Silliman St.	Silver Ave.	460	"	3′ 6″x5′ 3″	
*San Bruno Ave.	Silver Ave.	Gaven St.	640	"	3′x4′ 6″	

HUNTER'S POINT DISTRICT—SOUTH BERNAL HEIGHTS SUB-DISTRICT.

‡Andover Ave.	East Ave.	Crescent Ave.	783	I. S. P.	21″	21″
‡Crescent Ave.	Andover Ave.	Prentiss St.	1270	"	24″	24″
*Prentiss St. and proposed new St.	Crescent Ave.	Sweeny St.	1130	Cast Iron.	12″	
*Prentiss St. and proposed new St.	Crescent Ave.	Islais Creek	800	Brick.	5″	
*Overflow	Crescent Ave. and Prentiss St.					

*Recommended for immediate construction.
‡Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.

HUNTER'S POINT DISTRICT—MAIN SEWAGE.

Name of Street.	From	To	Length Ft.	Material.	Prescribed Size.	Size of Old Sewer.
†Proposed new St., Canal, Congdon, TrumbellSts.,and proposed new St.	Springdale and Milton Sts	Harvard St. ext'd.	2180	Brick.	7′ 6″	
†Proposed new St.	Harvard St. ext'd.	Relief outlet	1300	"	8′	
†Proposed new St.	Relief outlet	Southerly	1005	I. S. P.	18′	
†Proposed new St.	Last named point.	Northeasterly	760	"	24″	
†Proposed new St.	Last named point.	Boylston St	750	Brick.	2′x3′	
*Sweeny St	Boylston St	Barneveld Ave	1140	"	3′x4′ 6″	
*Barneveld Ave. and Gaven St	Sweeny St	W. side San Bruno Ave	500	"	3′x4′ 6″	
*Steuben and Augusta Sts	W. side San Bruno Ave	Charter Oak Ave.	690	Tunnel.	3′x4′ 6″	
*Charter Oak Ave.	Augusta St	Helena St	760	"	3′x4′ 6″	
*Helena St.,S St.S., and Seventh Ave. S	Charter Oak Ave.	R St. S	2184	"	3′x4′ 6″	
*R St. S	Seventeenth Av.S.	E. side Sixteenth Ave. S	320	"	3′ 6″x5′ 3″	
*R St. S	E. side Sixteenth Ave. S	Fifteenth Ave. S.	240	Brick.	3′ 6″x5′ 3″	
*Fifteenth Ave. S.	R St. S	Southerly	310	"	3′ 6″x5′ 3″	
*Fifteenth Ave. S.	Last named point.	Q St. S	354	Tunnel.	3′ 6″x5′ 3″	
*Q St. S. and Fourteenth Ave. S	Fifteenth Ave. S.	P St. S	944	"	5′	
*P St. S	Fourteenth Ave.S.	E. side Thirteenth Ave. S	320	"	5′ 6″	
*P St. S. and Tenth Ave. S	E. side Thirteenth Ave. S	Railroad Ave	1482	Brick.	5′ 6″	
*N St. S	Railroad Ave	Seventh Ave. S	840	"	6′	
*Seventh Ave. S.	N St. S	M St. S	664	"	6′ 6″	
*M St. S	Seventh Ave. S	Sixth Ave. S	280	"	6′ 6″	
*Sixth Ave. S.	M St. S	Southerly	264	"	6′ 6″	
*Sixth Ave. S. and L St. S	Last named point.	W. line Fifth Av.S.	640	Tunnel.	6′ 6″	
*L St. S. and Fifth Ave. S	W. line Fifth Av.S.	K St. S	704	Brick.	6′ 6″	
*Fifth Ave. S.	K St. S	Southerly	214	"	7′	
*Fifth Ave. S.	Last named point.	J St. S	450	Tunnel.	7′	
*Fifth Ave. S.	J St. S	136′ S. of I St. S.	800	"	7′ 6″	
*Fifth Ave. S.	Last named point	H St. S	528	Brick.	7′ 6″	

HUNTER'S POINT DISTRICT—SOUTH SLOPE OF HUNTER'S POINT SUB-DISTRICT.

*Nineteenth Ave. S.	J St. S	H St. S	1328	Brick.	2′x3′	
*H St. S	Nineteenth Ave. S.	Seventeenth Av.S.	560	"	3′x4′ 6″	
*Seventeenth Av. S.	H St. S	G St. S	664	"	3′ 6″x5′ 3″	
*G St. S	Seventeenth Av.S.	Fifteenth Ave. S.	560	"	3′ 6″x5′ 3″	
*Fifteenth Ave. S.	G St. S	F St. S	604	"	4′ 6″	

MILE ROCK [NORTHWEST OF PT. LOBOS] DISTRICT—OCEAN VIEW SUB-DISTRICT—SEWAGE ONLY.

*Stanley St	Orizaba Ave	Vernon St	1560	I. S. P.	10″	
*Main outfall sewer along proposed right of way	Stanley St.and Vernon St. northwesterly & northerly.	Holloway Ave. extended	4200	"	12″	
*Main outfall sewer along proposed right of way	Holloway Ave. extended northerly		1550	C. I. P. on trestle.	15″	
*Main outfall sewer along proposed right of way	Thence northwesterly and northerly		1100	I. S. P.	18″	
*Main outfall sewer along proposed right of way	Northerly		300	C. I. P. on trestle.	18″	
*Main outfall sewer along proposed right of way	Northwesterly	Parkside Ave	1150	I. S. P.	21″	
*Parkside Ave	Last named point westerly		6000	"	21″	
*Parkside Ave	Thence	Great highway	2900	"	21″	
*Ocean Ave	Lee Ave	1500′ west of Ingleside Inn	7500	"	10″	
*Across Ingleside racetrack grounds	Arlington Avenue westerly	Main outfall sewer	2950	"	18″	
†Along proposed right of way	San Miguel Rancho line about 800′S.of Ocean Ave. Wly.	Main outfall sewer	500	"	10″	

*Recommended for immediate construction. †Not recommended for immediate construction.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.

HARBOR VIEW DISTRICT.

Name of Street	From	To	Length Feet	Material.	Prescribed Size.	Size of Old Sewer.
‡Broadway St.	Hyde St.	Larkin St....	481	Brick.	2′ x3′	3′x5′
‡Broadway St.	Larkin St....	Polk St.....	481	"	2′ 6″x3′ 9″	3′x5′
‡Polk St.	Broadway St....	Vallejo St.....	350	"	3′ x4′ 6″	3′x5′
‡Vallejo St.	Polk St.....	Franklin St.	962	"	3′ x4′ 6″	3′x5′
‡Franklin St..	Vallejo St.....	Union St.....	688	"	3′ x4′ 6″	3′x5′
‡Franklin St....	Union St.....	Lombard St.....	1032	"	3′ 6″x5′ 3″	3′x5′
‡Lombard St..	Franklin St.	Gough St.. .	481	"	3′ 6″x5′ 3″	3′x5′
‡Lombard St..	Gough St..	Octavia St...	481	"	4′ 6″	3′x5′
*Lombard St..	Octavia St...	Laguna St. .	481	"	5′	3′x5′
*Laguna St.....	Lombard St.....	Chestnut St...	344	"	5′	10″
‡Greenwich St...	Gough St	Octavia St....	481	"	2′ 6″x3′ 9″	3′ 6″
‡Octavia St .	Greenwich St...	Lombard St.....	344	"	2′ 6″x3′ 9″	4′
*Laguna St.....	Chestnut St...	Jefferson St.. .	1720	"	5′	10″-12″ / 18″-20″
*Laguna St.....	Jefferson St..	Tonquin St.....	344	"	5′ 6″	
*Laguna St.....	Tonquin St.....	The bay... .	459	"	5′ 6″	
‡Laguna St	Green St.....	Filbert St.....	688	I. S. P.	21″	3′x5′
‡Laguna St.....	Filbert St.....	Lombard St.....	688	Brick.	2′ 6″x3′ 9″	3′x5′
‡Lombard St.. .	Laguna St. . . .	Buchanan St... .	481	"	2′ 6″x3′ 9″	3′x5′
‡Lombard St..	Buchanan St...	Fillmore St.....	962	"	3′ x4′ 6″	3′x5′
‡Fillmore St.....	Lombard St.....	Francisco St.....	688	"	3′ 6″x5′ 3″	3′x5′
*Francisco St.. . .	Fillmore St.....	Pierce St.....	962	"	3′ 6″x5′ 3″	Wooden box sewer.
*Pierce St..... . .	Francisco St.....	Lewis St..... .	2104	"	6′	275′ of 3′x5′
*Pierce St..... . .	Lewis St.....	The bay... .	275	"	6′ 6″	
‡Pierce St.....	Chestnut St....	Francisco St.....	344	"	2′ 6″x3′ 9″	3′x5′
*Francisco St.....	Scott St.	Pierce St.....	481	"	3′ x4′ 6″	
‡Union St..... . .	Lyon St. . .	Baker St..... .	427	I. S. P.	24″	12″
‡Baker St.... . .	Union St.....	Greenwich St... .	688	Brick.	2′ x3′	16″
‡Baker St.... . .	Greenwich St... .	Francisco St.....	1032	"	2′ 6″x3′ 9″	14″x 16″&18″
‡Baker St..... .	Francisco St.....	Tonquin St.....	1720	"	5′	18″
‡Broderick St....	Lombard St.....	Chestnut St.....	344	I. S. P.	24″	
‡Broderick St....	Chestnut St.... .	Francisco St.....	344	Brick.	2′ x3′	
‡Francisco St.....	Broderick St. . .	Baker St..... .	481	"	3′ x4′ 6″	
‡Baker St..... . .	Tonquin St.....	The bay... . . .	659	"	5′	18″
‡Outfall..... . .	Pierce St.....	In the bay... ...	800	C. I. P.	30″	
*Overflow.... . .	Laguna and Chestnut Sts.....					
*Overflow..... . .	Laguna and Tonquin Sts.....					
‡Overflow..... . .	Baker and Tonquin Sts....					

*Recommended for immediate construction.

‡Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.

MILE ROCK [NORTHWEST OF PT. LOBOS] DISTRICT—UPPER AND LOWER SUNSET SUB-DISTRICTS.

SEWERS FOR STORM-WATER.

Name of Street	From	To	Length Feet	Material	Prescribed Size	Size of Old Sewer
*Great Highway	Ocean Ave.	U St.	1600	Rein.conc.	2′ 6″x3′ 9″	
*Great Highway	U St.	S St.	1360	"	3′ x4′ 6″	
*Forty-eighth Ave.	S St.	L St.	4760	"	3′ x4′ 6″	
*Forty-eighth Ave.	L St.	H St.	2720	"	3′ 6″x5′ 3″	
*Forty-eighth Ave.	H St.	C St.	3400	"	4′ 6″	
‡Seventh Ave.	L St.	H St.	2720	Brick.	3′ x4′ 6″	3′x4′ 6″
‡H St.	Seventh Ave.	Tenth Ave.	930	"	4′ 6″	4′ 6″x 5′ 3⅜″
‡H St.	Tenth Ave.	Fourteenth Ave.	1240	"	6′	6′
‡H St.	Fourteenth Ave.	Twentieth Ave.	1890	"	6′	6′x7′ 1½″
*H St.	Twentieth Ave.	Fortieth Ave.	6200	Rein.conc.	6′	
*Across Park	Fortieth Ave. and H St.	Forty-eighth Ave. and Fulton St.	3720	"	6′ 6″	
*Forty-eighth Ave	Fulton St.	C St.	600	"	6′ 6″	
‡Tenth Ave.	L St.	K St.	680	"	2′ 3″	
‡K St.	Tenth Ave.	Eleventh Ave.	310	"	2′ 3″	
‡K St.	Eleventh Ave.	Twelfth Ave.	310	"	2′ 6″x3′ 9″	
‡Twelfth Ave.	K St.	J St.	620	"	2′ 6″x3′ 9″	
‡J St.	Twelfth Ave.	Fourteenth Ave.	620	"	2′ 6″x3′9″	
‡Fourteenth Ave.	J St.	340′ northerly	340	"	3′ x4′ 6″	
‡Fourteenth Ave.	Last named point.	H St.	1020	"	3′ 6″x5′ 3″	
*Twentieth Ave.	H St.	I St.	680	Rein.conc.	4′ 6″	
*Twentieth Ave.	I St.	K St.	1360	"	3′ 6″x5′ 3″	
*Twentieth Ave.	K St.	L St.	680	"	3′ x4′ 6″	
*Forty-fifth Ave.	U St.	T St.	1670	"	7′ 3″	
*U St.	Forty-fifth Ave.	Forty-sixth Av.				
*Forty-sixth Ave.	T St.	S St.				
*Forty-sixth Ave.	S St.	Q St.	1360	"	8′ 6″	
*Forty-sixth Ave.	Q St.	P St.	680	"	8′ 9″	
*Forty-sixth Ave.	P St.	N St.	1360	"	9′	
*N St.	Forty-sixth Ave.	Forty-seventh.	1670	"	9′ 3″	
*Forty-seventh Av.	N St.	L St.				
*L St.	Forty-seventh Av.	Forty-eighth.				
*Forty-eighth Ave	L St.	C St.	5440	"	9′ 6″	
*Forty-eighth Ave.	C St.	Ocean	4500	Tunnel.	8′x16′	
*Tunnel for sewage only	Storm water tunnel.	Ocean	1600	"	4′x5′	

VISITACION VALLEY DISTRICT

TO DISCHARGE IN BAY NEAR COUNTY LINE.

*San Bruno Ave.	Somerset St.	Visitacion St.	1400	I. S. P.	24″	
*San Bruno Ave. Milliken St.	Visitacion St.	Sunnydale Ave.	680	Rein.conc.	3′ 6″x5′ 3″	
*Sunnydale Ave.	Schwerin St.	Cora St.	480	"	3′x4′	
*Sunnydale Ave.	Cora St.	Milliken St.	1385	"	3′ 6″x5′ 3″	
*Sunnydale Ave.	Milliken St.	Bay	1500	Wood box	5′x5′	

*Recommended for immediate construction.

‡Existing sewer to be retained.

ESTIMATE OF COST.

The sewers and work recommended for construction in this report are covered by the following estimates of cost. The costs are based on the same classes of material and construction as were used in the estimates made by City Engineer C. E. Grunsky in a report on a System of Sewers made to the Board of Public Works and dated June 30th, 1903.

1.	Hunter's Point main sewer, sub-mains and main sewers in the Bay View and in Visitacion Valley districts...	$ 418,549.00
2.	North Point main relief outlets and special structures, mains and sub-mains in the portion of the North Point district south of College Hill.....	1,664,411.00
3.	Mains and sub-mains in Harbor View and North Beach districts	243,974.00
4	Main and sub-mains tributary to Mile Rock outfall, including sub-mains from the Ingleside, Sunset and West Richmond districts.....	630,339.00
5	Storm sewers and special structures, sewage sewers and pumping station in Mission Flats district.....	312,727.00
6.	Storm sewers and special structures, sewage sewers and pumping station in Yerba Buena district.....	200,000.00
	Real estate, rights of way, grade changes, etc.....	250,000.00
	Preparation of plans, specifications and inspection.....	280,000.00
	Total	$4,000,000.00

I would note that during the past seven years the following sewers have been constructed in accordance with the herein proposed plan, at a cost of $636,702.42. They represent about one-tenth of the required work:

H street from Seventh to Twentieth avenues.
Mission street from Amazon avenue to Persia avenue.
Amazon avenue from Mission street to London street.
Persia avenue from Mission street to Dublin street.
Mission street from Second to Third streets.
Cole street from Oak street to Fell street.
California street from Twenty-fourth avenue to Thirty-first avenue.
Twenty-fourth avenue from California street to Lake street.
China avenue from Paris street to Edinburgh street.
Van Ness avenue and Vallejo street.
Valencia street from Eighteenth to Nineteenth streets.
Howard street from Seventeenth to Eighteenth streets.
Fourth street from Howard street to Channel street.
Sixth street from Howard to Brannan streets, together with the lateral sewers on the adjacent streets.
Baker street from Union street to the bay, together with the lateral sewers in the adjacent streets.
Ocean avenue and Onondaga avenue, from Howth street to Islais Creek.
San Jose avenue from Mt. Vernon avenue to Ocean avenue.
Tenth avenue, K street, Twelfth avenue, J street and Fourteenth avenue from L street to H street.
Seventh avenue from H to L streets.
Market street and Seventh street, from Jones street to Howard street.
Fourteenth street from Valencia street to Howard street.
Harrison street, from Fourth to Sixth streets.
Haight street from Steiner street to Pierce street.
Dore street from Bryant street to Brannan street.
Stenart street from Market street to Mission street.
Market street from First street to East street.
Drumm street from Market street to Commercial street.
Mission street from Sixth street to Eighth street.
Mission street and Seventh street.
A temporary pumping station on Commercial street near Drumm street.
A temporary pumping station on Fourth street near Berry street.

Respectfully submitted,

MARSDEN MANSON,
City Engineer.

S.V.1.20

3

BIDS FOR BONDS

— OF —

CITY AND COUNTY OF SAN FRANCISCO

STATE OF CALIFORNIA

Submitted to Board of Supervisors
of Said City and County
September 8, 1908

Recorder Printing and Publishing Co.,

130 McAllister Street.

In Board of Supervisors,
San Francisco, Cal.
September 8, 1908.

Authorized Issue of July 1, 1908. . $18,200,000
Offered for Sale September 8, 1908. . 3,280,000

Purpose.	Amount Authorized.	Amount Offered.	Highest Single Bids.	Highest Blanket Bid.
Fire Protection	$5,200,000	$1,000,000	$1,075,529.25	$3,514,520
Sewer System	4,000,000	800,000	859,039.00	
Schools	5,000,000	1,200,000	1,271,837.28	
Hospitals	2,000,000	280,000	298,500.00	
Hall of Justice, etc....	1,000,000	None offered.		
Garbage Disposal	1,000,000	None offered.		
Total	$18,200,000	$3,280,000	$3,504,905.53	$3,514,520

*The bonds authorized bear interest at 5 per cent.

The price offered is equivalent to $107.15, which makes the interest rate 4.46 per cent.

Bids for bonds, Sale of above date, opened, read and referred to Public Utilities Committee of Board, consisting of A. H. Giannini, chairman, D. C. Murphy and Ralph McLeran.

JOHN E. BEHAN,
Clerk, Board of Supervisors.

BLANKET BIDS FOR ALL BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Name of Bidders.	Remarks.
2	$3,514,520.00	.0715	E. H. Rollins & Sons. N. W. Harris & Co.	
5	3,500,000.00	.0670	London-Paris National Bank.	
9	3,498,000.00	.0664	Central Trust Co. of S. F.	
10	3,497,500.00	.0663	Los Angeles Trust Co.	
7	3,497,000.00	.0661	Jas. H. Adams & Co.	
14	3,390,864.00	.0337	Kountze Bros. Blodget, Merritt & Co.	

AGGREGATE OF SEPARATE BIDS

No. of Bid.	Amount of Bid.	Average Premium.	Name of Bidders.	Remarks.
11	$3,500,953.35	.0673	W. H. Crocker.	
1	3,469,300.01	.0577	National City Bank of N. Y. Speyer & Co. N. W. Halsey & Co.	
20	3,370,584.00	.0276	First Trust and Savings Bank. Merchants' L. & T. Co. of Chicago.	

BIDS FOR ALL FIRE PROTECTION BONDS

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
11	$1,075,529.25	W. H. Crocker.	All or none.
12	1,075,529.25	W. H. Crocker.	All or none.
1	1,062,875.54	National City Bank of New York. Speyer & Co. N. W. Halsey & Co.	
20	1,035,300.00	First Trust and Savings Bank. Merchants' Loan and Trust Co. of Chicago.	
47	1,019,300.00	H. W. Poor & Co. Perry, Coffin & Burr.	

BIDS FOR ALL SEWER BONDS

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
11	$859,039.00	W. H. Crocker.	All or none.
12	859,039.00	W. H. Crocker.	All or none.
		National City Bank of New York.	
1	849,259.27	Speyer & Co.	
		N. W. Halsey & Co.	
24	828,117.60	San Jose Safe Deposit Bank of Savings.	
20	826,640.00	First Trust and Savings Bank.	
		Merchants' Loan and Trust Co. of Chicago.	
47	815,440.00	H. W. Poor & Co.	
		Perry, Coffin & Burr.	

BIDS FOR ALL SCHOOL BONDS

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
11	$1,271,837.28	W. H. Crocker.	All or none.
12	1,271,837.28	W. H. Crocker.	All or none.
		National City Bank of New York.	
1	1,264,543.62	Speyer & Co.	
		N. W. Halsey & Co.	
20	1,224,360.00	First Trust and Savings Bank.	
		Merchants' Loan and Trust Co. of Chicago.	

BIDS FOR ALL HOSPITAL BONDS

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
46	$298,500.00	State Board of Examiners.	
11	294,547.82	W. H. Crocker.	All or none.
23	294,257.50	First National Bank of Oakland.	
		National City Bank of New York.	
1	292,621.58	Speyer & Co.	
		N. W. Halsey & Co.	
70	291,050.00	German Savings and Loan Society.	
24	286,998.60	San Jose Safe Deposit Bank of Savings.	
20	284,284.00	First Trust and Savings Bank.	
		Merchants' Loan and Trust Co. of Chicago.	
8	280,700.00	French-American Bank.	

SUNDRY BIDS FOR BONDS OF ANY ISSUE

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
6	$100,000.00	G. G. Blymyer & Co.	
42	1,000.00	E. Salinger.	No check.

SPECIAL BID

E. H. Rollins & Sons and N. W. Harris & Co. bid for the entire issue of $3,280,000 of Fire Protection, Sewer, School and Hospital Bonds, offered at sale of September 8, 1908, the sum of $3,298,696 on bonds bearing 4½ per centum interest, conditioned that the remaining authorized issue of 5's of July 1, 1908, are awarded bearing the same 4½ per centum interest rate and upon the payment of an additional premium of $5.70 on each $1,000 bond.

Bids for Fire Protection Bonds by Year of Maturity.

No. of Bid	Year of Maturity	No. of Bonds	Amount of Bid	NAME OF BIDDERS.	REMARKS
62	1916	25	$ 26,046.00	Wells Fargo-Nevada National Bank.	
74	1916	25	25,875.00	Mercantile Trust Co.	
96	1916	25	25,812.50	Los Angeles Trust Co.	
56	1916	50	51,325.00	Anglo-Cal. Bank Ltd.	
68	1916	5	5,125.00	Anglo-Cal. Bank Ltd.	
50	1916	10	10,200.00	Swiss-American Bank.	
73	1916	3	3,076.80	C. Francis.	
63	1917	25	26,150.50	Wells Fargo-Nevada National Bank.	
98	1917	25	25,917.50	Los Angeles Trust Co.	
74	1917	17	17,680.00	Mercantile Trust Co.	
64	1918	25	26,256.00	Wells Fargo-Nevada National Bank.	
90	1918	25	25,907.50	Los Angeles Trust Co.	
54	1918	2	2,060.00	Jas. Feitelberg.	
97	1919	25	25,962.50	Los Angeles Trust Co.	
95	1920	25	26,037.50	Los Angeles Trust Co.	
68	1920	25	25,562.50	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
68	1920	5	5,118.75	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
72	1921	25	26,220.50	Firemen's Fund Ins. Co.	
94	1921	25	26,095.00	Los Angeles Trust Co.	
68	1921	25	25,597.75	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
93	1922	25	26,150.00	Los Angeles Trust Co.	
68	1922	25	25,625.00	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
92	1923	25	26,212.50	Los Angeles Trust Co.	
68	1923	25	25,671.88	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
72	1924	25	26,422.00	Firemen's Fund Ins. Co.	
91	1924	25	26,270.00	Los Angeles Trust Co.	
68	1924	25	25,703.13	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
90	1925	25	26,325.00	Los Angeles Trust Co.	
68	1925	15	15,431.25	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
45	1925	2	2,020.00	Mark Goldsmith.	
89	1926	25	26,375.00	W. H. Crocker.	
68	1926	25	25,750.00	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
88	1927	25	26,420.00	W. H. Crocker.	
68	1927	25	25,781.25	Anglo-Cal. Bank Ltd.	Sewer or School Bonds taken in lieu.
87	1928	25	26,467.50	W. H. Crocker.	
68	1928	25	25,812.50	Anglo-Cal. Bank Ltd.	Sewer or School Bonds Taken in Lieu.
43	1928	10	10,600.00	John Zeeman.	
86	1929	25	26,512.50	W. H. Crocker.	
58	1929	25	25,824.83	J. Barth & Co.	
85	1930	25	26,550.00	W. H. Crocker.	
84	1931	25	26,595.00	W. H. Crocker.	
83	1932	25	26,672.50	W. H. Crocker.	
82	1933	25	26,670.00	W. H. Crocker.	
48	1933	2	2,070.00	I. I. Brown.	
81	1934	25	26,705.00	W. H. Crocker.	
80	1935	25	26,740.00	W. H. Crocker.	
24	1936	25	26,772.50	Central Trust Co. of Cal.	
57	1936	25	26,161.18	J. Barth & Co.	
33	1937	25	26,802.50	Central Trust Co. of Cal.	
32	1938	25	26,832.50	Central Trust Co. of Cal.	
31	1939	25	26,860.00	Central Trust Co. of Cal.	
30	1940	25	26,887.50	Central Trust Co. of Cal.	
29	1941	25	26,912.50	Central Trust Co. of Cal.	
28	1942	25	26,937.50	Central Trust Co. of Cal.	
27	1943	25	26,962.50	Central Trust Co. of Cal.	
25	1944	25	26,985.00	Central Trust Co. of Cal.	
26	1945	25	27,007.50	Central Trust Co. of Cal.	
41	1946	25	27,030.00	H. Fleishhacker.	

Bids for Fire Protection Bonds by Year of Maturity.—Continued.

No. of Bid	Year of Maturity	No. of Bonds	Amount of Bid	NAME OF BIDDERS.	REMARKS
40	1947	25	$27,045.00	H. Fleishhacker.	
39	1948	25	27,065.00	H. Fleishhacker.	
76	1948	25	25,627.50	W. P. Fuller & Co.	
72	1949	25	27,966.00	Firemen's Fund Ins. Co.	
38	1949	25	27,082.50	H. Fleishhacker.	
75	1949	5	5,113.00	W. P. Fuller & Co.	
37	1950	25	27,100.00	H. Fleishhacker.	
72	1951	25	28,020.00	Firemen's Fund Ins. Co.	
36	1951	25	27,117.50	H. Fleishhacker.	
22	1952	25	27,135.00	H. Fleishhacker.	
72	1952	10	11,221.00	Firemen's Fund Ins. Co.	
19	1953	25	27,152.50	H. Fleishhacker.	
18	1954	25	27,170.00	H. Fleishhacker.	
16	1955	25	27,185.00	H. Fleishhacker.	
68	1955	25	26,171.88	Anglo-Cal. Bank Ltd.	
69	1955	17	18,655.80	E. K. Ash.	
52	1955	6	6,420.00	Peter and Anna Peterson.	
53	1955	10	10,000.00	P. Duchein.	
8	1916-55	120	122,400.00	French-American Bank.	3 Bonds of Each Series.

Bids for School Bonds by Year of Maturity.

Year of Maturity	No. of Bonds	Amount of Bid	NAME OF BIDDERS.	REMARKS
1914	48	$49,593.60	City and County Bank.	
1914	48	49,503.40	Wells Fargo-Nevada National Bank.	
1914	48	49,440.00	Mercantile Trust Co.	
1914	48	49,248.00	Los Angeles Trust Co.	
1914	50	50,755.00	Anglo-Cal. Bank Ltd.	
1915	48	49,719.40	Wells Fargo-Nevada National Bank.	
1915	48	49,560.00	Mercantile Trust Co.	
1915	48	49,425.60	Los Angeles Trust Co.	
1916	48	49,925.80	Wells Fargo-Nevada National Bank.	
1916	48	49,598.40	Los Angeles Trust Co.	
1917	48	50,213.80	Wells Fargo-Nevada National Bank.	
1917	48	49,761.60	Los Angeles Trust Co.	
1918	48	50,410.60	Wells Fargo-Nevada National Bank.	
1918	48	49,915.20	Los Angeles Trust Co.	
1918	10	10,200.00	C. G. Reedy.	
1918	6	6,118.20	Thos. Molloy.	
1919	48	49,848.00	Los Angeles Trust Co.	
1919	5	5,098.50	M. Schwamm.	
1920	48	49,992.00	Los Angeles Trust Co.	
1920	10	10,300.00	Swiss-American Bank.	
1921	48	50,102.40	Los Angeles Trust Co.	
1922	48	50,208.00	Los Angeles Trust Co.	
1923	48	50,328.00	Los Angeles Trust Co.	
1924	48	50,438.40	W. H. Crocker.	
1925	48	50,544.00	W. H. Crocker.	
1926	48	50,640.00	W. H. Crocker.	
1927	48	50,726.40	W. H. Crocker.	
1928	48	50,817.60	W. H. Crocker.	
1928	9	9,360.00	L. Label.	
1928	9	9,225.00	Rose Kane.	
1928	5	5,000.00	Samuella L. Manson.	
1928	1	1,051.00	H. M. Goldsmith.	Will accept any other bond.
1928				
1929	72	75,600.00	German Savings and Loan Society.	Will accept whole or any part at $1.05.
1930				
1929	48	50,904.00	W. H. Crocker.	
1929	30	30,989.79	J. Barth & Co.	
1929-38	480	497,569.20	American National Bank of S. F.	
1930	48	50,985.60	W. H. Crocker.	
1931	48	51,062.40	W. H. Crocker.	
1932	48	51,134.40	W. H. Crocker.	
1933	48	51,605.00	H. S. Manheim.	
1933	48	51,206.40	W. H. Crocker.	
1933	10	10,905.00	E. and S. Heller.	
1933	10	10,515.00	E. and S. Heller.	
1933	2	2,070.00	I. I. Brown.	
1934	48	51,273.60	Central Trust Co. of Cal.	
1935	48	51,340.80	Central Trust Co. of Cal.	
1936	48	51,403.20	Central Trust Co. of Cal.	
1936	30	31,393.43	J. Barth & Co.	
1937	48	51,460.80	Central Trust Co. of Cal.	
1937-8	96	101,760.00	French-American Bank.	
1938	48	51,518.40	Central Trust Co. of Cal.	
1938	2	2,080.00	J. B. Toplitz.	
1938	2	2,120.00	J. B. Toplitz.	
1938	2	2,140.00	J. B. Toplitz.	
1938	2	2,170.00	J. B. Toplitz.	
1938	2	2,230.00	J. B. Toplitz.	

Bids for Sewer Bonds by Year of Maturity.

No. of Bid	Year of Maturity	No. of Bonds	Amount of Bid	NAME OF BIDDERS.	REMARKS
61	1915	20	$20,717.00	Wells Fargo-Nevada National Bank.	
74	1915	20	20,650.00	Mercantile Trust Co.	
96	1915	20	20,594.00	Los Angeles Trust Co.	
56	1915	50	50,895.00	Anglo-Cal. Bank Ltd.	
62	1916	20	20,837.00	Wells Fargo-Nevada National Bank.	
98	1916	20	20,666.00	Los Angeles Trust Co.	
63	1917	20	20,923.00	Wells Fargo-Nevada National Bank.	
99	1917	20	20,734.00	Los Angeles Trust Co.	
64	1918	20	21,005.00	Wells Fargo-Nevada National Bank.	
97	1918	20	20,798.00	Los Angeles Trust Co.	
50	1918	15	15,375.00	Swiss-American Bank.	
95	1919	20	20,770.00	Los Angeles Trust Co.	
94	1920	20	20,830.00	Los Angeles Trust Co.	
93	1921	20	20,876.00	Los Angeles Trust Co.	
92	1922	20	20,920.00	Los Angeles Trust Co.	
91	1923	20	20,970.00	Los Angeles Trust Co.	
90	1924	20	21,016.00	Los Angeles Trust Co.	
89	1925	20	21,060.00	W. H. Crocker.	
88	1926	20	21,100.00	W. H. Crocker.	
	1926				
	1927				
4	1928	100	104,076.00	First Natl. Bank of San Jose, Cal.	
	1929				
	1930				
87	1927	20	21,136.00	W. H. Crocker.	
86	1928	20	21,174.00	W. H. Crocker.	
85	1929	20	21,210.00	W. H. Crocker.	
58	1929	20	20,659.86	J. Barth & Co.	
84	1930	20	21,244.00	W. H. Crocker.	
83	1931	20	21,276.00	W. H. Crocker.	
82	1932	20	21,306.00	W. H. Crocker.	
81	1933	20	21,336.00	W. H. Crocker.	
78	1933	10	10,905.00	E. and S. Heller.	
77	1933	10	10,515.00	E. and S. Heller.	
80	1934	20	21,364.00	W. H. Crocker.	
34	1935	20	21,392.00	Central Trust Co. of Cal.	
33	1936	20	21,418.00	Central Trust Co. of Cal.	
57	1936	20	20,928.94	J. Barth & Co.	
32	1937	20	21,442.00	Central Trust Co. of Cal.	
31	1938	20	21,466.00	Central Trust Co. of Cal.	
30	1939	20	21,488.00	Central Trust Co. of Cal.	
29	1940	20	21,510.00	Central Trust Co. of Cal.	
28	1941	20	21,530.00	Central Trust Co. of Cal.	
27	1942	20	21,550.00	Central Trust Co. of Cal.	
25	1943	20	21,570.00	Central Trust Co. of Cal.	
13	1943	10	11,067.00	Mauheim, Dibbern & Co.	
26	1944	20	21,588.00	Central Trust Co. of Cal.	
41	1945	20	21,606.00	H. Fleishhacker.	
40	1946	20	21,624.00	H. Fleishhacker.	
39	1947	20	21,636.00	H. Fleishhacker.	
38	1948	20	21,652.00	H. Fleishhacker.	
37	1949	20	21,666.00	H. Fleishhacker.	
36	1950	20	21,680.00	H. Fleishhacker.	
17	1950	50	50,208.00	J. J. Dowling.	
22	1951	20	21,694.00	H. Fleishhacker.	
19	1952	20	21,708.00	H. Fleishhacker.	
18	1953	20	21,722.00	H. Fleishhacker.	
16	1954	20	21,736.00	H. Fleishhacker.	

Bids for Hospital Bonds by Year of Maturity.

No. of Bid	Year of Maturity	No. of Bonds	Amount of Bid	NAME OF BIDDERS.	REMARKS
59	1913	14	14,374.80	Wells Fargo-Nevada National Bank.	
74	1913	14	14,350.00	Mercantile Trust Co.	
96	1913	14	14,310.80	Los Angeles Trust Co.	
56	1913	50	50,700.00	Anglo-Cal. Bank Ltd.	
60	1914	14	14,439.20	Wells Fargo-Nevada National Bank.	
74	1914	14	14,420.00	Mercantile Trust Co.	
98	1914	14	14,364.00	Los Angeles Trust Co.	
61	1915	14	14,502.20	Wells Fargo-Nevada National Bank.	
74	1915	14	14,455.00	Mercantile Trust Co.	
99	1915	14	14,415.80	Los Angeles Trust Co.	
62	1916	14	14,586.20	Wells Fargo-Nevada National Bank.	
97	1916	14	14,466.20	Los Angeles Trust Co.	
95	1917	14	14,513.80	Los Angeles Trust Co.	
63	1917	14	14,646.40	Wells Fargo-Nevada National Bank.	
64	1918	14	14,703.80	Wells Fargo-Nevada National Bank.	
94	1918	14	14,558.60	Los Angeles Trust Co.	
93	1919	14	14,539.00	Los Angeles Trust Co.	
66	1919	5	5,098.50	M. Schwamm.	
92	1920	14	14,581.00	Los Angeles Trust Co.	
91	1921	14	14,613.20	Los Angeles Trust Co.	
90	1922	14	14,644.00	Los Angeles Trust Co.	
50	1922	15	15,525.00	Swiss-American Bank.	
89	1923	14	14,679.00	W. H. Crocker.	
67	1923	10	10,402.00	A. Barkan.	
88	1924	14	14,711.20	W. H. Crocker.	
87	1925	14	14,742.00	W. H. Crocker.	
86	1926	14	14,770.00	W. H. Crocker.	
85	1927	14	14,795.20	W. H. Crocker.	
84	1928	14	14,821.80	W. H. Crocker.	
83	1929	14	14,847.00	W. H. Crocker.	
82	1930	14	14,870.80	W. H. Crocker.	
81	1931	14	14,893.20	W. H. Crocker.	
80	1932	14	14,914.20	W. H. Crocker.	
51	1932	5	5,364.50	Montefiore Lodge No. 51, I. O. O. B.	
48	1933	1	1,035.00	I. I. Brown.	

Notice of Sale and Proposals for Purchase of Bonds, City and County of San Francisco



Date of Sale, September 8, 1908

3 o'clock p. m.

CARLISLE & CO.

NOTICE OF SALE OF BONDS

OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS,
CITY AND COUNTY OF SAN FRANCISCO,

JULY 27, 1908.

Notice is hereby given that sealed bids for the purchase of certain bonds of the City and County hereinafter described will be received by the Board of Supervisors up to the hour of three o'clock P. M. on Tuesday, the 8th day of September, 1908, and will be opened by said Board at said time.

The bonds hereby offered are Municipal bonds of the City and County of San Francisco, issue of 1908, and described as follows:

Fire protection bonds to the amount of $1,000,000, comprising 25 bonds of each year's maturity from 1916 to 1955, inclusive.

Sewer bonds to the amount of $800,000, comprising 20 bonds of each year's maturity from 1915 to 1954, inclusive.

School bonds to the amount of $1,200,000, comprising 48 bonds of each year's maturity from 1914 to 1938, inclusive.

Hospital bonds to the amount of $280,000, comprising 14 bonds of each year's maturity from 1913 to 1932, inclusive.

All bonds are dated July 1, 1908, and are of the denomination of $1,000 each and bear interest at the rate of five per centum per annum, payable semi-annually January 1st and July 1st, each year; principal and interest payable at the office of the Treasurer of the City and County of San Francisco, or, at the option of the holder at the fiscal agency of the City and County in the City and State of New York. Said bonds, under the law, are exempt from all taxation within the State of California.

All bids must be upon forms furnished by the City and County and must state the amount offered by the bidder and must include the payment to the City of all interest that may have accrued at the time of the delivery of such bond or bonds to purchaser. No bid will be considered for less than par and accrued interest. No conditional bids will be considered.

Delivery of the bonds purchased will be made at the office of the Treasurer of the City and County of San Francisco at any time after ten days and within thirty days from the passage of the resolution awarding the contract of sale, and payments for all bonds purchased must be made to the Treasurer of the City and County within said thirty days from the date of said award unless otherwise mutually agreed upon.

All bids shall be sealed and endorsed "Proposal for the Purchase of Bonds", addressed to JOHN E. BEHAN, Clerk of the Board of Supervisors, San Francisco, Cal., and filed in the office of the said Clerk before the time fixed for the opening of said bids.

Bidders shall state separate amounts for each set of the bonds named and may bid for the whole or any portion thereof. When a less amount than the whole amount offered of any named set is bid for the bidder shall state the year or years of maturity thereof.

All proposals for the purchase of such bonds shall be accompanied by a deposit of five per cent. of the amount bid in lawful money of the United States, or by a deposit of a certified check payable to JOHN E. BEHAN, Clerk of the Board of Supervisors of the City and County for a like sum, provided, that no deposit need exceed the sum of $10,000 and that no deposit need be given by the State of California, which money or check shall be forfeited by the bidder in case he fails to accept and pay for the bonds bid for by him if his bid is accepted.

The Board of Supervisors shall have the right to reject any or all bids for any set of named bonds.

The opinion of MESSRS. DILLON & HUBBARD, attorneys, New York City, stating that the above bonds offered for sale, are in all respects legal, and are a binding obligation upon the City and County, is on file in the office of the Clerk of the Board of Supervisors, and a copy of the same will be furnished to any purchaser of said bonds.

Blank forms of proposal and circulars of information concerning said bonds may be had at the office of the Clerk of the Board of Supervisors, or will be mailed upon application to said Clerk.

This notice is given pursuant to the direction of Resolution No. 2512 (New Series) of the Board of Supervisors adopted July 13, 1908.

JOHN E. BEHAN,
Clerk of the Board of Supervisors,
City and County of San Francisco.

PROPOSAL FOR THE PURCHASE OF BONDS OF THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

To the Hon. Board of Supervisors,
City and County of San Francisco.

Gentlemen:

In compliance with the accompanying notice inviting bids for the purchase of bonds of said City and County, issue of 1908, which notice is made a part of this proposal, and according to the conditions and stipulations contained therein, the undersigned hereby agrees to purchase the following bonds of said City and County and pay therefor the price set opposite the bonds designated, to-wit:

For Fire Protection Bonds offered

Maturing 19..... the sum of $.....
and accrued interest thereon at date of delivery.

For.....Sewer Bonds offered

Maturing 19..... the sum of $.....
and accrued interest thereon at date of delivery.

For.....School Bonds offered

Maturing 19..... the sum of $.....
and accrued interest thereon at date of delivery.

For.....Hospital Bonds offered

Maturing 19..... the sum of $.....
and accrued interest thereon at date of delivery.

A certified check (or deposit) in the sum of $, payable to the order of John E. Behan, Clerk of the Board of Supervisors, accompanies this proposal, which money or check will be forfeited by the undersigned in case he fails to accept and pay for the bonds bid for by him if his bid is accepted; otherwise to be returned to him.

Dated, 19.....

(Bidder sign here).....

.....

Note.—In case the bidder bids for all of any set of the above described bonds, he shall insert the word "all" in the blank space after the word "for" and need not give the years of maturity. No erasure or alteration of this proposal is permitted.

BIDS FOR BONDS

— OF —

CITY AND COUNTY OF SAN FRANCISCO

STATE OF CALIFORNIA

Submitted to Board of Supervisors
of said City and County
February 8, 1909

The Recorder Printing & Publishing Co.

130 McAllister St., S. F.

In Board of Supervisors,

San Francisco, Cal.

February 8, 1909.

Authorized Issue of 5 per cent bonds of July 1, 1908 $18,200,000

Sold September 14, 1908, under offer of September 8, 1908 3,280,000

Offered for sale February 8, 1909 5,400,000

Bids for bonds, sale of February 8th, opened, read and referred to Public Utilities Committee of Board, consisting of A. H. Giannini, Chairman; D. C. Murphy and Ralph McLeran.

February 15, 1909—Bonds sold by the Board of Supervisors, upon recommendation of the Public Utilities Committee, to National City Bank of New York, Speyer & Co. and N. W. Halsey & Co. for the sum of $6,065,820 and accrued interest.

JOHN E. BEHAN,

Clerk Board of Supervisors.

BIDS FOR "ALL OR NONE" OF BONDS OFFERED

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
16	$6,065,820	.1233	National City Bank of N. Y., Speyer & Co., N. W. Halsey & Co.	
18	6,024,240	.1156	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	

The highest bid is equivalent to a basis interest rate of 4.05 per cent.

BIDS FOR ALL FIRE PROTECTION BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
19	$2,278,200	.1391	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	
8	2,248,100	.12405	James H. Adams & Co.	

BIDS FOR ALL SEWER BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
19	$908,240	.1353	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	
23	897,045	.1213	German Savings and Loan Society.	

BIDS FOR ALL SCHOOL BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
19	$995,490	.1061	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	
21	975,840	.0843	James H. Adams & Co.	

BIDS FOR ALL HOSPITAL BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
19	$434,880	.0872	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	
20	433,050	.0813	G. G. Blymyer & Co.	
21	429,401	.0735	James H. Adams & Co.	

BIDS FOR ALL HALL OF JUSTICE BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
19	$714,516	.0826	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	
17	711,705	.0783	James H. Adams & Co.	

BIDS FOR ALL GARBAGE SYSTEM BONDS

No. of Bid.	Amount of Bid.	Average Premium.	Names of Bidders.	Remarks.
19	$687,232	.0738	E. H. Rollins & Sons, Harris Trust and Savings Bank, Chicago, A. B. Leach & Co.	
21	680,950	.064	James H. Adams & Co.	

Bids for Fire Protection Bonds by Year of Maturity

No. of Bid.	Year of Maturity	No. of Bonds.	Amount of Bid.	Names of Bidders.	Remarks.
11	1918	5	$5,100.00	Bank of Los Gatos.	
22	1933	5	5,691.50	Manheim, Dibbern & Co.	
5	1946	25	29,645.00	Firemen's Fund Insurance Co.	
3	1945-49	100	114,670.91	*Mercantile Trust Co.	
5	1949	25	29,415.00	Firemen's Fund Insurance Co.	
15	1950	50	57,875.00	M. J. Brandenstein & Co.	
2	1950-51	100	106,000.00	W. P. Fuller & Co.	
5	1951	25	29,215.00	Firemen's Fund Insurance Co.	
5	1951	25	29,750.00	Firemen's Fund Insurance Co.	
5	1954	25	29,615.00	Firemen's Fund Insurance Co.	
5	1954	25	29,360.00	Firemen's Fund Insurance Co.	
9	1955	7	8,308.90	S. F. Letter Carriers' Mutual Aid Assn.	

*Sewer bonds accepted in lieu.

Bids for Sewer Bonds by Year of Maturity

No. of Bid.	Year of Maturity	No. of Bonds.	Amount of Bid.	Names of Bidders.	Remarks.
11	1920	5	$5,200.00	Bank of Los Gatos.	
22	1933	5	5,670.50	Manheim, Dibbern & Co.	
3	1941-44	80	90,344.59	*Mercantile Trust Co.	
15	1950	20	23,150.00	M. J. Brandenstein & Co.	
4	no date	5	5,207.50	M. Schawamm.	
6	1919-31	150	101.97 to 103.39†	Penn Mutual Life Ins. Co.	

*Fire Protection Bonds accepted in lieu.
†Probably intended to indicate rate of premium.

Bids for School Bonds by Year of Maturity

No. of Bid.	Year of Maturity	No. of Bonds.	Amount of Bid.	Names of Bidders.	Remarks.
10	1916	5	$5,235.00	Catherine M. McLane.	
11	1920	10	10,600.00	Bank of Los Gatos.	
7	1920	15	16,051.00	Bank of Centerville.	
3	1927-30	80	87,322.61	*Mercantile Trust Co.	
13	1937-38	60	67,471.20	City Savings Bank.	
14	1937	14	15,598.13	Public School Teachers' Retirement Fund Commissioners.	
14	1938	36	41,114.40	Public School Teachers' Retirement Fund Commissioners.	
12	1938	5	5,456.00	Joseph B. Toplitz.	
		5	5,512.00	Joseph B. Toplitz.	
		3	3,321.00	Joseph B. Toplitz.	
		3	3,390.00	Joseph B. Toplitz.	
		2	2,221.00	Joseph B. Toplitz.	
		2	2,252.00	Joseph B. Toplitz.	
15	1950	36	41,670.00	M. J. Brandenstein & Co.	

*Hospital, Hall of Justice or Garbage System Bonds accepted in lieu.

Bids for Hospital Bonds by Year of Maturity

No. of Bid.	Year of Maturity	No. of Bonds.	Amount of Bid.	Names of Bidders.	Remarks.
3	1923-26	80	$86,067.99	*Mercantile Trust Co.	
15	1930	20	22,260.00	M. J. Brandenstein & Co.	

*School, Hall of Justice or Garbage System Bonds accepted in lieu.

Bids for Hall of Justice Bonds by Year of Maturity

No. of Bid.	Year of Maturity	No. of Bonds.	Amount of Bid.	Names of Bidders.	Remarks.
1	1912	10	$10,200.00	Pacific States Savings & Loan Co.	
3	1919-22	80	84,770.07	*Mercantile Trust Co.	
15	1930	33	36,729.00	M. J. Brandenstein & Co.	
4	no date	5	5,207.50	M. Schawamm.	

*School, Hospital or Garbage Bonds accepted in lieu.

Bids for Garbage System Bonds by Year of Maturity

No. of Bid.	Year of Maturity	No. of Bonds.	Amount of Bid.	Names of Bidders.	Remarks.
3	1915-18	80	$83,334.99	*Mercantile Trust Co.	
15	1930	32	35,616.00	M. J. Brandenstein & Co.	

*School, Hospital or Hall of Justice Bonds accepted in lieu.

BOND ISSUE OF 1908.

Authorized Issue of July 1, 1908	$18,200,000
Offered for Sale September 8, 1908	3,280,000
Offered for Sale February 8, 1909	5,400,000
Total Offered for Sale to Date	$ 8,680,000

Purpose	Amount Authorized	Amount Offered Sept. 8, 08	Highest Single Bid	Highest Blanket Bid	Amount Offered Feb. 8, 09	Highest Single Bid	Highest Blanket Bid
Fire Protection	$ 5,200,000	$1,000,000	$1,075,529.25	$3,514,520	$2,000,000	$2,278,200	$6,065,520
Sewer System	4,000,000	800,000	859,039.00		800,000	908,240	
Schools	5,000,000	1,200,000	1,271,837.28		900,000	995,490	
Hospitals	2,000,000	280,000	298,500.00		400,000	434,880	
Hall of Justice, etc.	1,000,000	none			660,000	714,516	
Garbage Disposal	1,000,000	none			640,000	687,232	
Total	$18,200,000	$3,280,000	$3,504,905.53	$3,514,520	$5,400,000	$6,018,558	$6,065,820

The bonds authorized bear interest at 5 per cent.

The price offered September 8, 1908, was equivalent to 107.15, making the interest rate 4.46 per cent.

The price offered at the sale of February 8, 1909, is equivalent to 112.33, which makes the interest rate 4.05 per cent.

BONDS

Matters Relating to the

FIVE PER CENT

GOLD BONDS

OF THE

CITY and COUNTY

OF

SAN FRANCISCO

ISSUE OF 1908

Issued by authority of the Public Utilities
Committee of the Board of Supervisors

JOHN E. BEHAN, Clerk.

DESCRIPTION OF BONDS.

Six issues of Municipal Bonds of the City and County of San Francisco, State of California, were authorized at a special election held for that purpose on May 11, 1908, as follows:

Amount and Vote Thereon.

Fire Protection Bonds to the amount of $5,200,000; vote in favor of, 21,488; against, 1,636.

Sewer Bonds to the amount of $4,000,000; vote in favor of, 21,401; against, 1,645.

School Bonds to the amount of $5,000,000; vote in favor of, 21,397; against, 1,701.

Hospital Bonds to the amount of $2,000,000; vote in favor of, 21,263; against, 1,733.

Hall of Justice Bonds to the amount of $1,000,000; vote in favor of, 21,133; against, 1,875.

Garbage System Bonds to the amount of $1,000,000; vote in favor of, 20,653; against, 2,423.

Purposes.

The purposes for which these bonds were authorized are:

Fire Protection Bonds for the installation of an extensive high pressure water system which will give superior fire protection to the greater part of the thickly built portion of the city, and designed to be the most serviceable of its kind in the world. With this installed it will be almost impossible for a conflagration to ever again visit the city.

Sewer Bonds for the construction of a complete sewer system which will discharge the sewage in a manner that will perfectly safeguard the health of the city.

School Bonds for the construction of school-houses to the number of more than thirty, replacing those destroyed by fire in April, 1906, and providing sites and additional structures in districts now inadequately supplied.

Hospital Bonds for the construction of modern hospitals.

Hall of Justice Bonds for the construction of buildings for the police and other departments of the city government.

Garbage System Bonds for the construction of modern works for the disposal of the city's waste in a sanitary manner.

With these improvements the City of San Francisco will be equipped with public works that will insure it a prominent place in



THE STURDY WALLS OF THE OLD PALACE HOTEL TOOK A LONG TIME TO RAZE, BUT THE NEW STEEL STRUCTURE SPRINGS UP DAY BY DAY TO COMPLETION LIKE ALADDIN'S PALACE.

the cities of the world in respect to all things that go to make stability and give permanence to the community as a great trade and industrial center.

Interest.

The bonds bear interest at the rate of five per centum per annum, payable semi-annually January and July 1st, and principal and interest are payable in Gold Coin at the office of the Treasurer or, at the option of the holder, at the fiscal agency of the City and County in the City of New York.

The denomination of all bonds is $1,000.

Maturities.

The bonds are serials, are dated July 1, 1908, and mature as follows:

Fire Protection Bonds commence to mature in 1916, and one-fortieth part ($130,000) matures in that year and during each year thereafter until 1955.

Sewer Bonds commence to mature in 1915, and one-fortieth part ($100,000) matures in that year and during each year thereafter until 1954.

School Bonds commence to mature in 1914, and one-twenty-fifth part ($200,000) matures in that year and during each year thereafter until 1938.

Hospital Bonds commence to mature in 1913, and one-twentieth part ($100,000) matures in that year and during each year thereafter until 1932.

Hall of Justice Bonds commence to mature in 1912, and one-twentieth part ($50,000) matures in that year and during each year thereafter until 1931.

Garbage System Bonds commence to mature in 1911, and one-twentieth part ($50,000) matures in that year and during each year thereafter until 1930.

The proceedings had in the matter of the issuance of these bonds were under the supervision of Messrs. Dillon & Hubbard, attorneys, of New York City, and their opinion to the effect that the bonds have been regularly issued and are a legal and binding obligation upon the City and County of San Francisco, has been rendered and a copy thereof is herein published.

There is no litigation pending or threatened affecting the legality of this issue,

The bonds are exempt from all taxation in the state of California.

The bonds may be registered in the name of the owner.

The bonds have been printed from steel plates specially engraved for these issues by the Western Bank Note and Engraving Co. of Chicago, Illinois, and all precautions have been taken to prevent counterfeiting.



THE "CALL" BUILDING, JUST THE SAME AS BEFORE THE FIRE. IN THE DOME WAS A CAFE, POPULAR BOTH FOR ITS VICTUALLING AND ITS VIEWPOINT.

ORDINANCE ISSUING THE BONDS.

BILL NO. 553. ORDINANCE NO. 477.

(New Series.)

PROVIDING FOR THE ISSUANCE AND REDEMPTION OF bonds of the City and County of San Francisco to the amount of $18,200,000 for the following purposes: For an Auxiliary Water System, $5,200,000; for a Sewer System, $4,000,000; for buildings and lands for school purposes, $5,000,000; for hospitals, $2,000,000; for a Hall of Justice and County Jail, $1,000,000; for a Garbage Collection and Disposal System, $1,000,000, in accordance with and as authorized at a special election held in said city and county on the eleventh day of May, 1908; this Ordinance being the fourth of a series of Ordinances to be adopted by the Board of Supervisors of the City and County of San Francisco, under and by virtue of which it is proposed to incur a bonded indebtedness of said city and county for the purposes herein enumerated.

WHEREAS, A special election was held on the 11th day of May, 1908, in accordance with the provisions and requirements of Ordinance No. 404 (New Series), calling and providing for such election, and Ordinance No. 410 (New Series), giving notice thereof, reference to said Ordinances for further particulars being here made, and

WHEREAS, It has been determined by Resolution No. 2325 (New Series), reference thereto for further particulars being here made, that at such special election more than two-thirds of the votes cast thereat were cast and counted as being in favor of and to authorize the incurring of a bonded indebtedness for the purposes and to the amounts stated in the several propositions submitted thereat. Now, therefore,

Be it ordained by the People of the City and County of San Francisco as follows:

SECTION 1. That bonds of the City and County of San Francisco will be issued in accordance with the result of the special election held in the said city and county on the 11th day of May, 1908, and the provisions of the Charter of said city and county and with Ordinance No. 404 (New Series) and Ordinance No. 410 (New Series), as follows, to wit:

1. That bonds will be issued as aforesaid to the amount of five million two hundred thousand dollars for the construction of an auxiliary water system for the protection of the property within said city and county from destruction by fire and the acquisition of lands necessary therefor; that such bonds shall be called "Fire Protection Bonds"; shall be 5,200 in number and shall be numbered from 1 to 5,200, both inclusive, and shall be payable, one hundred and thirty thousand dollars thereof eight years from the date of said bonds, beginning with the lowest numbers, and one hundred and thirty thousand dollars thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

2. That bonds will be issued as aforesaid to the amount of four million dollars for the construction of a sewer system; that such bonds shall be called "Sewer Bonds"; shall be 4,000 in number and shall be numbered from 1 to 4,000, both inclusive, and shall be payable, one hundred thousand dollars thereof, seven years from the date of said bonds, beginning with the lowest numbers, and one hundred thousand dollars thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

3. That bonds will be issued as aforesaid to the amount of five million dollars for the construction of permanent municipal buildings to be used for school purposes and the acquisition of lands necessary therefor; that such bonds shall



ON LOWER MARKET STREET LOOKING UP CALIFORNIA, THE STREET THAT RUNS PAST THE FAIRMONT STRAIGHT TO THE NOB HILL DISTRICT.

be called "School Bonds"; shall be 5,000 in number and shall be numbered from 1 to 5,000, both inclusive, and shall be payable, two hundred thousand dollars thereof six years from the date of said bonds, beginning with the lowest numbers, and two hundred thousand dollars thereof of the next higher numbers on the same day in each succeeding year until all of the said bonds shall be paid.

4. That bonds will be issued as aforesaid to the amount of two million dollars for constructing permanent municipal buildings to be used for public hospitals and the acquisition of lands necessary therefor; that such bonds shall be called "Hospital Bonds"; shall be 2,000 in number and shall be numbered from 1 to 2,000, both inclusive, and shall be payable, one hundred thousand dollars thereof five years from the date of said bonds, beginning with the lowest numbers, and one hundred thousand dollars thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

5. That bonds will be issued as aforesaid to the amount of one million dollars for constructing permanent municipal buildings to be used as a Hall of Justice, County Jail and by other departments of the municipal government, and the acquisition of lands necessary therefor; that such bonds shall be called "Hall of Justice Bonds"; shall be 1,000 in number and shall be numbered 1 to 1,000, both inclusive, and shall be payable, fifty thousand dollars thereof four years from the date of said bonds, beginning with the lowest numbers, and fifty thousand dollars thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

6. That bonds will be issued as aforesaid to the amount of one million dollars for the construction or acquisition of a system of collection and disposal of garbage and waste within the city and county; that such bonds shall be called "Garbage System Bonds"; shall be 1,000 in number and shall be numbered from 1 to 1,000, both inclusive, and shall be payable fifty thousand dollars thereof three years from the date of said bonds, beginning with the lowest numbers, and fifty thousand dollars thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

SECTION 3. All of the bonds issued as herein provided shall be of the form and character known as "serials." All of said bonds shall be dated July 1, 1908, shall bear interest at the rate of 5 per centum per annum, payable semi-annually on the first days of January and July of each year until the maturity thereof, shall be of the denomination of one thousand dollars each, and the principal and interest thereof shall be payable in gold coin of the United States at the office of the Treasurer of said city and county, or at the option of the holder at the fiscal agency of the city and county in the City and State of New York.

SECTION 4. Said bonds shall be signed by the Mayor and Treasurer of the City and County of San Francisco, countersigned by the Auditor and attested by the Clerk of the Board of Supervisors with the seal of said city and county. Said bonds shall be substantially in the following form:

FORM OF BOND.

UNITED STATES OF AMERICA,
STATE OF CALIFORNIA,
City and County of San Francisco.
(Name of Bond.)

No. $1,000.00

For value received, the City and County of San Francisco, a municipal corporation organized and existing under the laws of the



THE BUSIEST SECTION OF MARKET STREET, LOOKING TOWARD THE FERRY FROM OPPOSITE THE NEW PALACE HOTEL, THE STEEL FRAME OF WHICH IS ON THE EXTREME RIGHT OF THE PICTURE.

State of California, hereby acknowledges itself indebted and promises to pay, to the bearer on the first day of....., 19...., one thousand dollars, with interest thereon at the rate of 5 per centum per annum, payable semi-annually January 1 and July 1, on presentation and surrender of the coupons hereto attached as they respectively become due, both principal and interest being payable in gold coin of the United States at the office of the Treasurer of said City and County, or at the option of the holder at the fiscal agency of the City and County of San Francisco, in the City and State of New York.

This bond is issued under and pursuant to the constitution and statutes of the State of California and the Charter of said City and County of San Francisco and amendments thereto, and under and pursuant to ordinances and proceedings of said City and County duly adopted and taken, and a vote and assent of more than two-thirds of all the qualified electors of said City and County voting at a special election duly and legally called and held for that purpose.

It is hereby certified, recited and declared that all acts, conditions and things required by law to exist, happen and be performed precedent to and in the issuance of this bond have existed, happened and been performed in due time, form and manner as required by law, and that the amount of this bond, together with all other indebtedness of said City and County does not exceed any limit prescribed by the constitution or statutes of said State or Charter of said City and County, and that provision has been made as required by the constitution and statutes of said State and the Charter of said City and County for the collection of an annual tax sufficient to pay the interest on this bond as it falls due, and also provision to constitute a sinking fund for the payment of the principal of this bond on or before maturity. The full faith and credit of said City and County are hereby pledged for the punctual payment of the principal and interest of this bond.

This bond may be converted into a registered bond upon presentation to the Treasurer of the City and County of San Francisco, in which event such Treasurer shall cut off and cancel the coupons of this bond, and shall sign a statement stamped, printed or written upon the back or face of the bond to the effect that this bond is registered in the name of the owner and that thereafter the interest and principal of this bond are payable to the registered owner. Thereafter and from time to time this bond may be transferred by such registered owner in person or by attorney duly authorized on presentation of this bond to the Treasurer, and the bond be again registered as before, a similar statement being stamped, printed or written thereon.

This bond is exempt from all taxation within the State of California.

In witness whereof, said City and County of San Francisco has caused this bond to be executed under its corporate seal, signed by its Mayor and Treasurer, and countersigned by its Auditor, and has caused the interest coupons hereto attached to be signed with the en-



LOOKING UP THIRD STREET TOWARD MARKET ALONG THE STREET LEADING DIRECTLY FROM THE SOUTHERN PACIFIC RAILROAD STATION. THIRD STREET IS THE PRINCIPAL ARTERY OF THE CITY AND IS CROWDED WITH DRAYS AND WAGONS.

graved or lithographed signature of its Treasurer, and this bond to be dated the first day of July, 1908.

.....
Mayor.

.....
Treasurer.

COUNTERSIGNED:

.....
Auditor.

(Seal of the City and County of San Francisco.)

Attest:

.....
Clerk of the Board of Supervisors.

SECTION 5. Interest coupons shall be attached to each bond to the number of twice the number of years such bond will run until the maturity thereof and in an amount of twenty-five dollars, which sum will be the amount due for interest on such bond for six months. Such coupons shall be numbered from 1 upwards and shall state the number and name of the bond to which it is attached. Such coupons shall bear the fac-simile of the signature of the Treasurer of the city and county and be substantially in the following form:

FORM OF COUPON.

No..... $25.00

On 1, 19.., the City and County of San Francisco, California, will pay to bearer at the office of the Treasurer of said City and County, or at the option of the holder, at the fiscal agency of the City and County of San Francisco, in the City and State of New York, twenty-five dollars ($25.00) in gold coin of the United States, being six months' interest then due on its (name of bond) bond, dated July 1, 1908, No.....

.....
Treasurer.

SECTION 6. Any bond may be converted into a registered bond upon presentation to the Treasurer of the City and County of San Francisco, in which event such Treasurer shall cut off and cancel the coupons of such bond and shall sign a statement stamped, printed or written upon the back or face of the bond to the effect that such bond is registered in the name of the owner and that thereafter the interest and principal of such bond are payable to the registered owner. Thereafter and from time to time such bond may be transferred by such registered owner in person or by attorney duly authorized on presentation of such bond to the Treasurer, and the bond be again registered as before, a similar statement being stamped, printed or written thereon.

Such registration shall be substantially in the following form:

FORM OF REGISTRATION.

San Francisco, ..., 19..

This bond is registered pursuant to the Charter of the City and County of San Francisco, State of California, in the name



SAN FRANCISCO'S BROKERS AND INSURANCE MEN HAVE ALWAYS GATHERED HERE AT CALIFORNIA AND MONTGOMERY STREETS SINCE THE MIDAS DAYS OF THE COMSTOCK LODE.

of, and the interest and principal thereof are hereafter payable to such owner.

.....

Treasurer.

SECTION 7. For the purpose of providing for the payment of the principal and interest of said bonds, taxes shall be levied and collected as provided in Ordinance No. 404 (New Series) and Ordinance No. 410 (New Series), and in furtherance of the purpose herein expressed, the following funds are hereby created, to wit: Fire Protection Bond Redemption and Interest Fund—1908; Sewer bond Redemption and Interest Fund—1908; School Bond Redemption and Interest Fund—1908; Hospital Bond Redemption and Interest Fund—1908; Hall of Justice Bond Redemption and Interest Fund—1908; Garbage System Bond Redemption and Interest Fund—1908.

SECTION 8. The Board of Supervisors shall sell said bonds at such times and in such amounts as it may determine and the proceeds arising from any such sale shall be placed in the treasury to the credit of the "Public Building Fund" as required by the Charter of the city and county.

An account of the proceeds of the Fire Protection Bonds shall be kept in an account to be designated the "Fire Protection Account" of the Public Building Fund, and such proceeds shall be used exclusively for the purpose for which such bonds were issued.

An account of the proceeds of the Sewer Bonds shall be kept in an account to be designated "Sewer Construction Account" of the Public Building Fund and such proceeds shall be exclusively used for the purpose for which such bonds were issued.

An account of the proceeds of the School Bonds shall be kept in an account to be designated "School Construction Account" of the Public Building Fund, and such proceeds shall be used exclusively for the purpose for which such bonds were issued.

An account of the proceeds of the Hospital Bonds shall be kept in an account to be designated "Hospital Construction Account" of said Public Building Fund, and such proceeds shall be used exclusively for the purpose for which such bonds were issued.

An account of the proceeds of the Hall of Justice Bonds shall be kept in an account to be designated "Hall of Justice Construction Account" of said Public Building Fund, and such proceeds shall be used exclusively for the purpose for which such bonds were issued.

An account of the proceeds of the Garbage System Bonds shall be kept in an account to be designated "Garbage System Construction Account" of said Public Building Fund, and such proceeds shall be used exclusively for the purpose for which such bonds were issued.

SECTION 9. This Ordinance is the fourth of a series of ordinances adopted by the Board of Supervisors, under and by virtue of which it is proposed to incur a bonded indebtedness of said city and county for the purposes herein enumerated.

SECTION 10. This Ordinance shall take effect immediately.

In Board of Supervisors, San Francisco, June 15, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLaren, Murdock, Murphy, Payot, Pollock, Rixford.

Absent—Supervisor Booth.

JOHN E. BEHAN, Clerk

Approved, San Francisco, June 20, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.



VIEW OF THE PRINCIPAL BUSINESS DISTRICT AS

OPINION OF DILLON & HUBBARD.

NEW YORK, July 23, 1908.

BOARD OF SUPERVISORS OF THE
CITY AND COUNTY OF SAN FRANCISCO,
San Francisco, California.

DEAR SIRS: At your request we have examined into the validity of an issue of $18,200,000 bonds of the City and County of San Francisco, California, said bonds being of the denomination of $1,000 each, dated July 1, 1908, bearing interest at the rate of five percentum per annum payable semi-annually January 1 and July 1, said bonds being for the amounts and numbered and described as follows:

$5,200,000 Fire Protection Bonds, numbered from 1 to 5200 both inclusive, and payable $130,000 thereof eight years from the date of said bonds beginning with the lowest numbers, and $130,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

$4,000,000 Sewer Bonds, numbered from 1 to 4000 both inclusive, and payable $100,000 thereof seven years from the date of said bonds beginning with the lowest numbers, and $100,000 thereof of the next higher numbers on the same day of each succeeding year until all of said bonds shall be paid;

$5,000,000 School Bonds, numbered from 1 to 5000 both inclusive, and payable $200,000 thereof six years from the date of said bonds beginning with the lowest numbers, and $200,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

$2,000,000 Hospital Bonds, numbered from 1 to 2000 both inclusive, and payable $100,000 thereof five years from the date of said bonds beginning with the lowest numbers and $100,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

$1,000,000 Hall of Justice Bonds, numbered from 1 to 1000 both inclusive, and payable $50,000 thereof four years from the date of said bonds beginning with the lowest numbers and $50,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;



ARS TWO YEARS AFTER THE FIRE OF APRIL, 1906.

$1,000,000 Garbage System Bonds, numbered from 1 to 1000 both inclusive, and payable $50,000 thereof three years from the date of said bonds beginning with the lowest numbers and $50,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

Said bonds recite among other things that they are issued pursuant to the constitution and statues of the state of California and the charter of said City and County of San Francisco and amendments thereto, and pursuant to ordinances and proceedings of said City and County duly adopted and taken, and a vote and assent of more than two-thirds of all the qualified electors of said city and county voting at a special election duly and legally called and held for that purpose; that provision has been made for the collection of an annual tax sufficient to pay the interest on said bonds as it falls due, and also provision to constitute a sinking fund for the payment of the principal of said bonds on or before maturity, and that said bands are exempt from all taxation within the state of California. We have examined the constitution and statutes of the state of California and the charter of said City and County of San Francisco, and certified copies of proceedings of said city and county authorizing the issue of said bonds, also the form of said bonds.

It is our opinion that the issue of said $18,200,000 bonds has been duly authorized in accordance with the constitution and statutes of the state of California, including the charter of said City and County of San Francisco; and that when said bonds have been signed by the mayor and treasurer and countersigned by the auditor, and sealed with the corporate seal of the said city and county, attested by the clerk of the Board of Supervisors, the coupons on said bonds bearing the engraved or lithographed signature of the said treasurer, all of said persons being actually in office when the bonds are delivered and paid for, and when said bonds shall have been duly sold at not less than par and accrued interest to the date of delivery of and payment for said bonds, and duly delivered and paid for, the said bonds will constitute valid and legally binding obligations of said City and County of San Francisco.

Very truly yours,

(Signed) DILLON & HUBBARD.



ONE OF THE BEST KNOWN SPOTS OF SAN FRANCISCO; THE HUB OF THE CITY, AT THE JUNCTION OF KEARNY, MARKET, GEARY AND THIRD STREETS. THESE STREETS ARE THE PRINCIPAL ARTERIES OF THE CITY. THE DAILIES, CHRONICLE, CALL AND EXAMINER, ARE LOCATED ON THREE OF THE MARKET STREET CORNERS.

FINANCIAL STATISTICS.

Revenue of the City and County of San Francisco.

The revenue of the City and County is from taxation, licenses, fees, fines, State aid to the public schools, and minor miscellaneous sources.

The Assessment Roll for the fiscal year 1908-09 is, in round numbers, $454,000,000, upon which a tax levy has been made of one and one-half cents on each dollar, which will yield a revenue of	$6,810,000
The estimated revenue from licenses for the year 1908-09 is	1,600,000
The estimated revenue from official fees and fines is	315,000
The estimated revenue from the State for support of schools is	640,000
The estimated revenue from miscellaneous sources is	150,000
Total estimated revenue	$9,515,000

The total rate of taxation for State, County and Municipal purposes is lower in San Francisco than in any other city in the State of California.

REPORT OF ASSESSOR SHOWING VALUE OF TAXABLE PROPERTY.

San Francisco, July 6, 1908.

To His Honor the Mayor and the Honorable Board of Supervisors of the City and County of San Francisco:

GENTLEMEN: The Assessment Roll for the fiscal year 1908-09 has been completed, and is now delivered in accordance with law to your Board, for review and equalization.

The assessment of this year is of exceptional interest, showing as it does our city's remarkable progress during the past two years.

The total assessment of all property amounts to $453,551,184, which is a gain of $23,900,000 over last year's assessment. The assessment is made up of the following items:

Real estate, $258,642,215;
Buildings, $90,996,500;
Personal property, $103,912,469.

The greatest gain is in the assessment of buildings, which is $24,-181,299 greater than that of last year. If, however, the assessment of this on buildings is compared with that of 1905, the year preceding the fire, it will be observed that the present assessment on buildings is but $6,833,665 less than that of 1905. A more remarkable fact is that the assessment next year of buildings now in the course of con-



LOOKING UP GEARY STREET FROM MARKET TOWARD UNION SQUARE—A TYPICAL VIEW OF THE WAY SAN FRANCISCO HAS "SPROUTED" SINCE THE FIRE.

struction will increase the total assessment of buildings beyond that of 1905, or of any year in our city's history.

An interesting comparison is shown by the assessments given below, the first being that of the year preceding the fire, the second that of the year following, and the last being that of this year:

	1905.	1906.	1908.
Real Estate	$304,136,185	$237,082,752	$258,642,215
Buildings	97,830,165	50,250,480	90,996,500
Personal Property	122,264,596	88,805,510	103,912,469
Total	$524,230,946	$376,138,742	$453,551,184

While the total assessment of real estate for this year is about the same as that of last year, it must not be inferred that no relief has been granted to such real estate in the burned area as has markedly depreciated in value. Reductions which aggregate several millions have been made in the assessment of such real estate, but these have been offset by the gain in values made in certain outlying sections of the City which have enhanced in value since the fire, by reason of the shifting of population to these districts.

Taxes on personal property unsecured by real estate which are payable to the Assessor, have been promptly paid, and the collections to date have reached the sum of $625,000, as compared with $416,000 for last year.

Respectfully submitted,

WASHINGTON DODGE,

Assessor.

STATEMENT OF BONDED DEBT.

In 1904 there was authorized to be incurred a debt of $17,160,000. There was sold of this issue bonds aggregating $5,152,600, of which has been paid the sum of $1,716,000, leaving a total outstanding debt of $3,436,600. This is being reduced by annual payments amounting to $247,800.

As the issue of 1904 bears interest at only three and one-half per cent., it is impossible to sell the unsold portion at the present time, and it is probable that the greater part of this issue will never be disposed of but will eventually be cancelled.

The amount above given constitutes the entire debt of the City and County, as there is no such thing as a "floating debt" known or permitted to be incurred by the laws of the State of California. The Constitution of the State expressly provides that no debt shall be incurred by any county or municipality in excess of the annual revenue except the same is expressly authorized by a vote of the electors. This Constitutional provision is as follows:



AT POWELL ON MARKET STREET STANDS THE FLOOD BUILDING, WESTERN HOME OF THE SOUTHERN PACIFIC. OPPOSITE IS THE EMPORIUM AND DOWN THE STREET THE PACIFIC, HUMBOLDT AND SPRECKELS STRUCTURES.

Extract from Article XI of the Constitution of the State of California.

SECTION 18. No county, city, town, township, board of education, or school district, shall incur any indebtedness or liability in any manner or for any purpose exceeding in any year the income and revenue provided for such year, without the assent of two-thirds of the qualified electors thereof, voting at an election to be held for that purpose, nor unless before or at the time of incurring such indebtedness provision shall be made for the collection of an annual tax sufficient to pay the interest on such indebtedness as it falls due, and also provision to constitute a sinking fund for the payment of the principal thereof on or before maturity, which shall not exceed forty years from the time of contracting the same; provided, however, that the City and County of San Francisco may at any time pay the unpaid claims, with interest thereon at the rate of five per cent per annum, for materials furnished to and work done for said city and county during the forty-first, forty-second, forty-third, forty-fourth, and fiftieth fiscal years, and for unpaid teachers' salaries for the fiftieth fiscal year, out of the income and revenue of any succeeding year or years, the amount to be paid in full of said claims not to exceed in the aggregate the sum of five hundred thousand dollars, and that no statute of limitations shall apply in any manner to these claims; and provided, further, that the City of Vallejo, of Solano County, may pay its existing indebtedness, incurred in the construction of its water works, whenever two-thirds of the electors thereof, voting at an election held for that purpose, shall so decide, and that no statute of limitations shall apply in any manner. Any indebtedness or liability incurred contrary to this provision, with the exceptions hereinbefore recited, shall be void. (Amendment adopted November 6, 1900.)

By amendment adopted November 6, 1906, the following was added at the end of this Section:

The City and County of San Francisco, the city of San Jose and the town of Santa Clara may make provision for a sinking fund, to pay the principal of any indebtedness incurred, or to be hereafter incurred by it, to commence at a time after the incurring of such indebtedness of no more than a period of one-fourth of the time of maturity of such indebtedness, which shall not exceed seventy-five years from the time of contracting the same. Any indebtedness incurred contrary to any provision of this section shall be void.



San Francisco has never defaulted in the payment of any municipal obligation.



ON MISSION STREET IN THE HEART OF THE WHOLESALE DISTRICT.

BUILDING STATISTICS.

Building Permits Granted in San Francisco Since the Fire up to and Including June 30, 1908.

CLASS	NUMBER	VALUE
A	64	$16,621,738
B	98	7,379,471
C	1,142	34,988,659
Frame	9,708	40,468,858
Alterations	4,686	8,384,774
Total	15,698	$107,843,500
Adding 15 per cent undervaluation		$124,020,025

BANK CLEARINGS.

San Francisco.

1900	$1,029,582,595
1906	1,998,400,779
1907	2,133,882,626

Pacific Coast Cities, 1907.		*Western Cities, 1907.*	
San Francisco	$2,133,882,626	Kansas City	$1,649,175,013
Los Angeles	577,569,639	Omaha	567,515,788
Oakland	137,681,207	Denver	407,803,849
San Jose	28,889,386	Wichita	68,234,781
Seattle	488,591,471	Topeka	50,176,759
Portland	350,933,525	Fargo	28,677,746
Spokane	301,419,017	Fremont	17,531,822
Salt Lake City	292,158,324		
Helena	48,177,437		
Tacoma	245,969,795		

POPULATION.

	1900	1908	Increase
California	1,485,053	2,502,017	1,016,964
San Francisco	342,000	450,000	108,000
Los Angeles	102,000	290,000	188,000
Oakland	100,000	245,000	145,000
Total	544,000	1,015,000	471,000

REAL ESTATE SALES OF SAN FRANCISCO.

1900	1905	1906	1907
$18,527,814	$74,926,065	$68,064,300	$31,624,122



SANSOME STREET IN THE FINANCIAL DISTRICT. MORE BANKS AND INSURANCE BUILDINGS.

SAN FRANCISCO SHIPPING.

	1900	1906	1907
Imports	$39,424,435	$49,193,303	$54,277,011
Exports	41,419,679	45,479,422	38,907,194
Tonnage (tons)	5,228,000	5,771,274	4,615,603

MISCELLANEOUS STATISTICS.

Population before the fire (estimated)	500,000
Population after fire (estimated)	175,000
Population to-day (estimated)	450,000
Population of Bay cities before fire (estimated)	640,000
Population of Bay cities to-day (estimated)	775,000
Increase in two years	135,000
Population within 15 miles of San Francisco City Hall	850,000
New hotels in burned district	200
Hotels in city	250
Apartment houses in city	60
Money spent for labor on new buildings	$47,007,797
Cash spent by municipality for rehabilitation and permanent improvements	3,202,816
San Francisco postal receipts for two years	3,299,167
San Francisco Bank Clearings, year ending April 18, 1908	$1,910,676,694
San Francisco Bank Clearings, year ending April 18, 1907	2,066,885,508
Total bank clearings in two years	$3,977,562,202

HEALTH CONDITIONS.

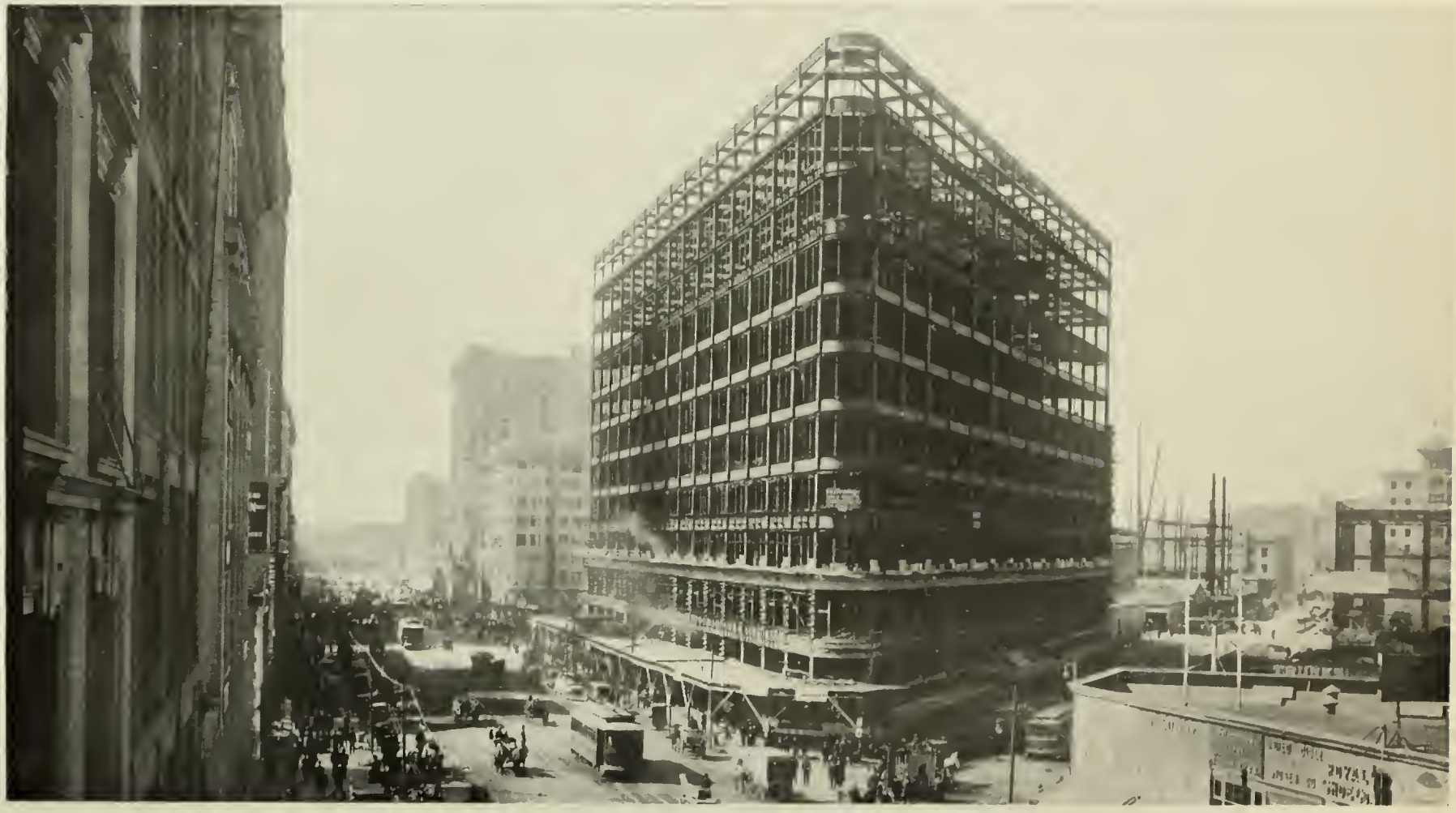
Dr. Rupert Blue, Passed Assistant Surgeon, U. S. Public Health and Marine Hospital Service, in a letter dated April 13, 1908, addressed to Mayor Taylor, states:

"In response to your request for information regarding the health conditions in San Francisco, I beg to state that in consequence of the vigorous campaign of sanitation, the residences and places of business are cleaner than ever before. That no case of human-plague has occurred for sixty days, and there are no cases now under suspicion."

ANENT THE FIRE OF 1906.

The loss of property was due to fire; the earthquake damage was nominal.

The water supply has now been restored, and when the high-pressure water system has been installed, the fire protection of San Francisco will be the best of any city in the world.



LOOKING UP MARKET STREET TOWARD TWIN PEAKS; THE NEW JAMES D. PHELAN BUILDING ON THE RIGHT. HERE USED TO BE, AND WILL SOON BE, THE FAMOUS SATURDAY AFTERNOON PROMENADE OF SAN FRANCISCO.

Nearly all lines of business have been re-established in the burned district.

The city has met all of its necessary expenditures from its ordinary revenues, besides which several millions of dollars have been expended for rehabilitation; *i. e.*, the repaving of streets and the reconstruction of public buildings. All claims against the city have been promptly paid in cash on presentation. No "temporary loans" were needed in order that it might meet any obligation.

TWO YEARS AFTER.

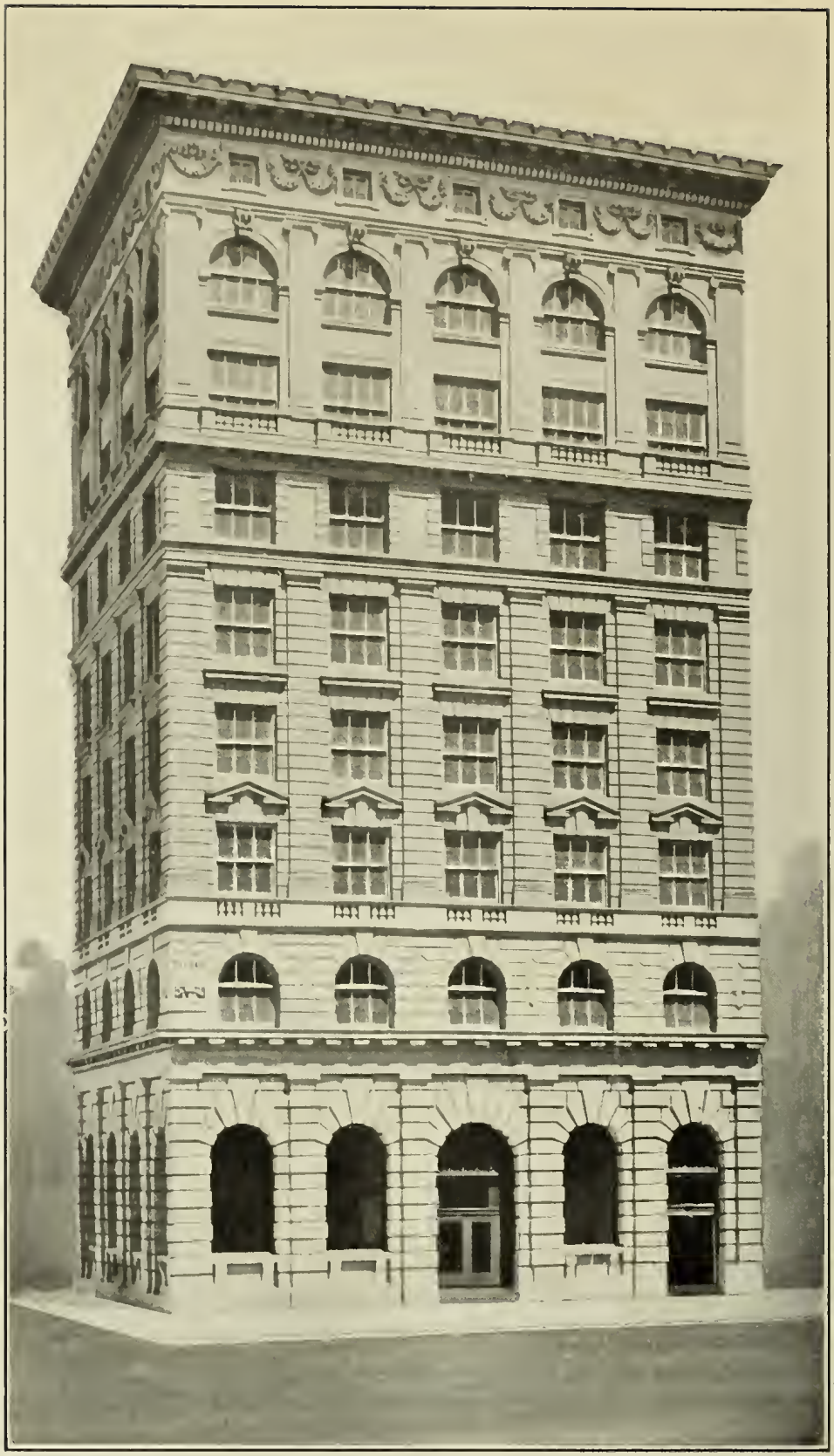
The Rehabilitation of San Francisco After the Destruction Caused by the Fire of April, 1906.

Sunset Magazine, April, 1908.

The pictures given on the preceding pages tell the story of the making of the new San Francisco better, in a way, than words can tell it. All of these engravings are from photographs taken especially for this magazine. They show the marvelous results accomplished in rebuilding the burned district since April, 1906. Practically, they represent considerably less than two years of labor and enterprise, for little permanent work was begun for a few months after the fire, and these photographs were taken necessarily during the month of February last. The period has been one of stress and struggle, and yet no San Franciscan who has been through it would have missed it for five years of routine civilization. Cheerfulness and sturdy confidence have been the marked features that have controlled citizens generally. The work already done shows a city of far more substantial construction and of vastly better engineering and architecture than before. The lessons learned elsewhere have been applied here, wherever possible, and any number of original problems have been solved. By an overwhelming vote men of exceptional qualifications have been put in control of municipal affairs. These have not been content in merely setting things to rights, but they have perfected plans for all the necessities of a new city, vastly superior to those of any other municipality of equal area.

ACKNOWLEDGMENT.

The halftones used in this publication were supplied by the *Sunset Magazine*.



BANK OF ITALY—A TYPE OF THE MODERN BUILDINGS WITH WHICH SAN FRANCISCO IS BEING RECONSTRUCTED.

CITY OFFICIALS PERFORMING DUTY CONNECTED WITH THE ISSUANCE OF BONDS.

HON. EDWARD R. TAYLOR, *Mayor*

SUPERVISORS

Paul Bancroft	Thomas Jennings
James P. Booth	James A. Johnston
William Broderick	M. Hall McAllister
George Center	Ralph McLeran
A. Comte, Jr.	Charles A. Murdock
George A. Connolly	Daniel C. Murphy
A. A. D'Ancona	Henry Payot
A. H. Giannini	Allan Pollok
Oscar Hocks	Loring P. Rixford

John E. Behan, *Clerk*

Auditor, JOHN A. KOSTER

Treasurer, JOHN E. MCDOUGALD

City Attorney, PERCY V. LONG

Prior to June 1, W. G. Stafford and Lippman Sachs were members of the Board of Supervisors, but resigned at that date.

Neal Publishing Co.
PRINTERS AND BOOKBINDERS
66 FREMONT ST SAN FRANCISCO
UNITED LABOR TRADES UNION LABEL COUNCIL SAN FRANCISCO

Notice of Sale and Proposal for Purchase of Geary Street Railway Bonds, City and County of San Francisco



Date of Sale, Monday, May 16, 1910

3 o'clock p. m.

H. M. Alexander Printing Co., 88 First St., S. F.

NOTICE OF SALE OF BONDS.

Office of the Clerk of the Board of Supervisors,
City and County of San Francisco.

May 2, 1910.

Notice is hereby given that sealed bids for the purchase of Geary Street Railway bonds of the City and County of San Francisco, State of California, will be received by the Board of Supervisors up to the hour of three o'clock p. m. on Monday, the 16th day of May, 1910, and will be opened by said Board at said time.

The bonds hereby offered are Municipal bonds of the City and County of San Francisco, issue of 1910, and described as follows:

Geary Street Railway bonds to the amount of $260,000, comprising 28 bonds of each year's maturity from 1915 to 1934 inclusive.

All bonds are dated July 1, 1910, and are of the denomination of $1,000 each, and bear interest at the rate of four and one-half per centum per annum, payable semi-annually January 1st and July 1st, each year; principal and interest payable at the office of the Treasurer of the City and County of San Francisco, or at the option of the holder at the city's fiscal agency in New York City. Said bonds, under the law, are exempt from all taxation within the State of California.

All bids must be upon forms furnished by the City and County and must state the amount offered by the bidder and must include the payment to the City of all interest that may have accrued at the time of the delivery of such bond or bonds to purchaser. No bid will be considered for less than par and accrued interest. No conditional bids will be considered except as herein permitted, but the State of California may submit a bid conditioned upon the subsequent approval of the legality of the bonds.

Delivery of bonds to the successful bidder will be made between the first and tenth days of July, 1910.

Bidders may bid for the whole or any part of the bonds here offered, and when a less amount than the whole amount offered is bid on, the bidder shall state the year or years of maturity thereof.

Any bidder may offer to take the whole amount offered on condition that no other bid be accepted, but the Board reserves the right to reject such bid should the public interest so require, and the said Board may also reject any or all bids.

All bids shall be sealed and endorsed "Proposal for the Purchase of Bonds," addressed to W. R. Hagerty, Clerk of the Board of Supervisors, San Francisco, Cal., and filed in the office of the said Clerk before the time fixed for the opening of said bids.

All proposals for the purchase of such bonds shall be accompanied by a deposit of five per cent of the amount bid in lawful money of the United States, or by a deposit of a certified check payable to W. R. Hagerty, Clerk of the Board of Supervisors of the City and County, for a like sum, provided, that no deposit need exceed the sum of $10,000, and that no deposit need be given by the State of California, which money or check shall be forfeited by the bidder in case he fails to accept and pay for the bonds bid for by him if his bid is accepted.

The opinion of Messrs. Dillon & Hubbard, attorneys, New York City, stating that the above bonds offered for sale are in all respects legal, and are a binding obligation upon the City and County, is on file in the office of the Clerk of the Board of Supervisors, and a copy of the same will be furnished to any purchaser of said bonds.

Blank forms of proposal and circulars of information concerning said bonds may be had at the office of the Clerk of the Board of Supervisors, or will be mailed upon application to said Clerk.

This notice is given pursuant to the direction of Resolution No. 5710 (New Series) of the Board of Supervisors, adopted April 18, 1910.

W. R. HAGERTY,
Clerk of the Board of Supervisors,
City and County of San Francisco.

PROPOSAL FOR THE PURCHASE OF BONDS OF THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

To the Hon. Board of Supervisors,
City and County of San Francisco,

Gentlemen:

In compliance with the accompanying notice inviting bids for the purchase of Geary Street Railway bonds of said City and County, issue of 1910, which notice is made a part of this proposal, and according to the conditions and stipulations contained therein, the undersigned hereby agrees to purchase the following bonds of said City and County and pay therefor the price set opposite the bonds designated, to wit:

BID FOR THE WHOLE AMOUNT.

For all of the bonds offered for sale the sum of $.....

and accrued interest thereon at date of delivery, provided

BID FOR A PORTION OF THE AMOUNT.

For.....Geary Street Railway bonds offered.

Maturing 19....., ...the sum of $.....
and accrued interest thereon at date of delivery.

A certified check (or deposit) in the sum of $..... payable to the order of W. R. Hagerty, Clerk of the Board of Supervisors, accompanies this proposal, which money or check will be forfeited by the undersigned in case he fails to accept and pay for the bonds bid for him if his bid is accepted; otherwise to be returned to him.

Dated....., 1910.

(Bidder sign here).....

.....

No erasure or alteration of this proposal is permitted.

GENERAL INFORMATION.

The Geary Street Railway Bonds offered at this sale are a portion of an issue of $1,900,000 authorized for the purpose of constructing a municipal street railway on Geary Street from Market Street to Golden Gate Park and the Ocean.

The bonds were authorized at a special election held on the 30th day of December, 1909, and the vote on the proposition was 31,151 "yes" and 11,704 "no."

The bonds are serials and mature $95,000 July 1, 1915, and an equal amount for twenty years thereafter, the last $95,000 maturing July 12, 1934.

The proceedings had in the matter of the issuance of these bonds have been submitted to Messrs. Dillon & Hubbard, attorneys, New York City, and their opinion to the effect that the bonds have been regularly issued, and when executed, sold, and delivered to a purchaser will constitute a legal and binding obligation upon the City and County, is on file in the office of the Clerk of the Board of Supervisors.

STATISTICS.

The assessment roll of the City and County of San Francisco is as follows:

Value of Real Estate	$283,167,393
Value of Improvements	122,974,828
Value of Personal Property	86,722,976
Value of Railroad Mileage	394,322
Total Assessed Value of All Property	$493,259,479

The revenue of the City and County for the current year, from all sources, will approximate $10,450,000.

The actual bonded debt on May 1, 1910, of the City and County for bonds sold and contracted to be sold will be $16,040,800.

The estimated population of San Francisco is 500,000

W. R. HAGERTY,

Clerk Board of Supervisors,

City and County of San Francisco.

PHILLIPS & VAN ORDEN

Information for Voters

Concerning the

PROPOSED BOND ISSUE

OF THE

City and County of San Francisco.

Prepared under direction of the Public Utilities Committee of the Board of Supervisors and issued by authority of said Board.

JOHN E. BEHAN, Clerk.

The Board of Supervisors has ordered a Special Bond Election to be held on

MONDAY, MAY 11, 1908,

for the purpose of securing authority from the voters to issue bonds to the amount and purposes as follows:

For an Auxiliary Water System for Fire Protection	$ 5,200,000
For a Sewer System	4,000,000
For School Houses and Lands	5,000,000
For Hospitals	2,000,000
For Hall of Justice and County Jail	1,000,000
For Garbage Disposal Plant	1,000,000
Total	$18,200,000

In order that voters may act intelligently upon the matters submitted for their consideration the Board of Supervisors has prepared this statement covering all matters that will be of interest to voters in this connection.

INTRODUCTORY REMARKS.

Two years have elapsed since the great disaster of earthquake and fire wrought destruction to the City. The details of the calamity are sufficiently familiar to the voters to require no elaboration here. These facts, however, should be borne in mind—that the principal buildings of the municipality were destroyed and serious injury resulted to its streets, sewers and other public works. For a time succeeding the events mentioned the efforts of this Board were directed to the re-establishment of the Municipal Government and to the re-habilitation of the several departments thereof. The energies of the officers of the City and County have been expended in the direction of providing a stable Government that could be relied upon to furnish protection to life and property and to transact the ordinary business of the municipality. This, we believe, has been accomplished, and as the temporary needs of the City have been satisfied it is proper that we should now prepare and carry out a program that calls for the construction of some necessary improvements of a permanent character.

THE FORMER BOND ISSUE.

In September, 1903, the voters of the City authorized the issue of bonds for the following purposes, the improvements at that time being considered of great importance and necessity:

1—Hospital; 2—Sewers; 3—School Buildings; 4—Streets; 5—Hall of Justice and County Jail; 6— Library; 7—Children's Playgrounds; 8—Park and Presidio Extension; 9—Mission Park.

The amount of these bonds authorized, the amount sold, the amount paid and to be paid July 1, 1908, and the amount outstanding after July 1, 1908, are shown in the following table:

PURPOSE OF BONDS.	AMOUNT ISSUE AUTHORIZED.	AMOUNT SOLD.	AMOUNT UNSOLD.	AMOUNT PAID TO JULY 1, 1908.	AMOUNT OUTSTANDING AND UNPAID.
Hospital	$1,000,000	$ 250,000	$ 750,000	$ 100,000	$ 150,000
Sewers	7,248,000	724,800	6,523,200	724,800	None.
Schools	3,592,000	1,077,600	2,514,400	359,200	718,400
Streets	1,620,000	722,000	898,000	162,000	560,000
County Jail, etc	696,000	278,400	417,600	69,600	208,800
Library	1,644,000	739,800	904,200	164,400	575,400
Play Grounds	740,000	740,000	None.	74,000	666,000
Golden Gate Park and Presidio Extension	328,000	328,000	None.	32,800	295,200
Mission Park	292,000	292,000	None.	29,200	262,800
Total	$17,160,000	$5,152,600	$12,007,400	$1,716,000	$3,436,600

The following table shows the amount received, the amount expended and authorized to be expended and the balance on hand of the above bond issue:

Purpose.	Am't Rec'd from Sale of Bonds.	Am't Expended and Authorized to be Expended.	Amount Unappropriated.
Hospital	$ 250,000	$ 1,350	$ 248,650
Sewers	724,800	684,163	40,637
Schools	1,077,600	1,066,689	10,911
Streets	722,000	678,046	43,954
Hall of Justice	278,400	130,459	147,941
Library	739,800	625,303	114,497
Play Grounds	740,000	221,451	518,549
Golden Gate Park Extension	328,000	328,000	None.
Mission Park	292,000	291,660	340

It will be seen from the foregoing that only two of the projects provided for in the old bond issue have been executed, viz., Park Extension and Mission Park. The other projects have been partially accomplished. The reason why all of the former bonds were not sold and the improvements then calculated upon were not made, is that the bonds bore interest at only three and one-half per cent a year and it has been impossible to sell them, and at the present time the outlook is such that it will be impossible to sell them for many years to come.

THE IMPROVEMENTS DEEMED SO NECESSARY FIVE YEARS AGO ARE MORE URGENT AND NECESSARY NOW.

In the proposed bond issue it will be noted that four of the six propositions to be voted upon cover the same projects, for which bonds were authorized in 1903. In case the new bonds are issued the bonds previously authorized for the same purpose will be canceled in case the new issue exceeds the amount remaining unsold of the previous authorized issue.

It might be deemed wise to also cancel the other bonds outstanding in case it was necessary to extend the borrowing capacity of the municipality.

LIMIT OF INDEBTEDNESS.

The Charter of the City and County limits the bonded debt of the municipality to fifteen per cent of its assessment roll. The assessment roll for the current year will probably be $450,000,000 (last year it was $429,000,000). Under this limitation the City could issue bonds to the amount of $67,500,000. There will be outstanding after July 1, 1908, a debt of $3,436,400. Adding this to the proposed issue of $18,200,000, the total debt would be $21,636,400, leaving the City still capable of borrowing about $46,000,000.

As the acquisition of a municipal water supply is being discussed by the public and seriously considered by the Board of Supervisors, it will be noted that the City has conserved an ample borrowing capacity to carry out such a project. The liability of the City to an increased burden by reason of the issuance of bonds for a water supply should not militate against the now proposed bond issue, for the reason that a water system would, in all probability supply its own revenue sufficient to pay interest and provide for the ultimate payment of the principal.

In the proposed bond issue it has been the aim of the Supervisors to make the burden as light as possible, especially during the next coming few years, when the people are endeavoring to rebuild the City and re-establish its business. We have therefore provided for the redemption of the bonds to be commenced during a succession of years, commencing in 1911, and the amounts to be paid for interest and principal are shown in the following table:

Table Showing Maturities and Amounts of Principal and Interest to be Paid on Bonds of 1908.

Name of Bonds.	Am't.	Maximum Maturity.	Time.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	
Fire Protection	$ 5,200,000	8 years	40 years	$260,000	$260,000	$260,000	$ 200,000	$ 260,000	$ 260,000	$ 260,000	$ 130,000	$ 130,000	Principal.
										260,000	253,500		Interest.
Sewers	4,000,000	7 years	40 years	200,000	200,000	200,000	200,000	200,000	200,000	200,000	195,000	190,000	Principal.
								200,000	200,000	200,000	200,000	200,000	Interest.
Schools	5,000,000	6 years	25 years	250,000	250,000	250,000	250,000	250,000	250,000	240,000	230,000	220,000	Interest.
							100,000	100,000	100,000	100,000	100,000	100,000	Principal.
Hospital	2,000,000	5 years	20 years	100,000	100,000	100,000	100,000	100,000	95,000	90,000	85,000	80,000	Interest.
							50,000	50,000	50,000	50,000	50,000	50,000	Principal.
Hall of Justice	1,000,000	4 years	20 years	50,000	50,000	50,000	50,000	47,500	45,000	42,500	40,000	37,500	Interest.
						50,000	50,000	50,000	50,000	50,000	50,000	50,000	Principal.
Garbage	1,000,000	3 years	20 years	50,000	50,000	50,000	47,500	45,000	42,500	40,000	37,500	35,000	Interest.
Total	$18,200,000			$910,000	$910,000	$960,000	$1,007,500	$1,102,500	$1,292,500	$1,372,500	$1,477,500	$1,446,000	$1,414,500

Thereafter decreasing in an amount of $31,500 each year.

The above figures showing the amount to be paid the first year should properly be reduced to $750,000, for it is not probable that more than one-half of the bonds will be sold before the first of January, 1909.

The rate of taxation to be levied the present year for the payment of interest (assuming that not more than one-half of the bonds authorized can be sold before January 1, 1909), will be approximately 15 cents on each $100 assessed valuation, the second year it will be approximately 19 cents, and for the next eight years it will approximate 20 cents, thereafter it will decrease gradually.

The above figures are based on an estimated increase in the assessment roll of five and one-half per cent annually, which was the average increase for the five years previous to 1906. This is a very conservative estimate.

The following is a statement concerning the several propositions submitted, taken from the reports of the Engineer and Architect's Bureau of the Board of Public Works:

AUXILIARY WATER SYSTEM FOR FIRE PROTECTION.

The past experience of San Francisco has demonstrated the need of adequate means for extinguishing fires.

The large cities throughout the world are supplementing their water supplies by "high pressure" systems designed specially to reduce the fire hazard. Insurance rates are, at present, very high and a burden is thus imposed upon all classes of business, and may be considered a handicap upon industry. In order to place our business interests upon an equal footing with those of other cities, a reduction of burdens must be sought. This can be brought about by reducing the fire hazard to the minimum and, correspondingly, a reduction of insurance rates. With this end in view the City's Engineers have designed what is said to be a more complete system of fire protection than has ever been installed in any city in the world.

The plan as submitted provides for four reservoirs at different elevations, two on Twin Peaks, elevation 755 feet; one in the vicinity of Seventeenth and Ashbury Streets, elevation 490 feet, and one on Jones Street between Sacramento and Clay Streets, elevation 329 feet, the purpose being to differentiate the pressures accordingly as necessity demands. These reservoirs will be kept full of fresh water pumped from wells in the vicinity of Seventh and Harrison and have produced the "sky-scraper" type of construction, which

supply. Each of these stations will have a pumping capacity of 1,050 gallons a minute. The pumps will be operated by electricity. These pumping stations and reservoirs combined will furnish a water supply in excess of any used for the extinguishment of any fire that has occurred in the City.

In addition to this there has been provided two emergency pumping stations for pumping salt water; one to be located in the neighborhood of North Beach and the other on the Bay Shore near Townsend Street. Each station will ultimately have a pumping capacity of 16,000 gallons a minute.

Furthermore, two fire boats have been provided for the protection of the water front and shipping. They can supply 8,000 gallons a minute against a pressure of 150 pounds per square inch, which can be delivered to a fire directly or pumped into the main distributing system. The amount of water that can thus be supplied by all the pumping stations will aggregate more than 40,000 gallons a minute, which will exceed the capacity of sixty ordinary steam fire engines.

The system is so designed that in case of accident to any of the stations or section of the distributing system it may be cut out and the efficiency of the remainder of the system left unimpaired.

The liability to damage to the system by earthquake has been taken into account and all stations and reservoirs will be on solid ground and the main pipe lines will likewise avoid all "fault lines" and "made ground."

The distribution system will be constructed of special cast iron pipe with a view of withstanding heavy pressures, and of varying sizes, to meet the requirements of different sections of the City.

The area of the district to be protected by this section will aggregate about 5,200 acres and may be generally described as that part of the water shed lying between the Potrero hills and the Golden Gate. It will include all of the present fire limits and the greater part of the district within which shingle roofs are prohibited.

In addition, plans have been made for the construction of a system of cisterns, 100 in number, to be located outside of the protected district, each cistern to have a capacity of 75,000 gallons.

As the installation of this system will render unnecessary the keeping of fire engines in the district thus protected, such fire engines can be stationed in the "outside" districts, thus giving needed protection therein, and which it is now impossible to do. In other words, **THE WHOLE CITY WILL HAVE ADEQUATE FIRE PROTECTION.**

The system promises economical operation and it is confidently prophesied that the saving to be effected in insurance rates will more than equal the amount to be paid by property owners for interest and principal of the bonds to be issued.

THE SEWER SYSTEM.

This project is a resubmission of a similar project in 1903, at which time bonds were authorized for the construction of a sewer system to cost $7,750,000. Of this sum $724,800 has been realized from the sale of a part of the bond issue and this sum has been expended and a portion of the system constructed. All of the bonds sold will have been paid by July 1st of this year. It is possible to sell another million or so of these bonds during the next few years. It is proposed to cancel the remaining part of the issue.

The original plans, known as the "Grunsky Plans," have been modified in several respects and thus it has been considered that a new bond issue of only $4,000,000 will install a very complete system and one that will meet all present requirements.

In making changes in the original plans, the idea has been kept in mind that every section of the City should have constructed for it a complete system of main sewers, and in carrying out this plan no favoritism has been shown to any particular district.

The points at which the sewage will be ultimately discharged are: (1) off Hunter's Point; (2) off the northerly termination of Dupont Street; (3) off the northerly termination of Pierce Street; (4) off Mile Rock, northwest of Point Lobos. There will be a temporary outlet for the Visitacion Valley district near the County line, and another temporary outlet for the Richmond District near the southwestern boundary of the Presidio.

Provision has thus been made for all of the so-called outlying districts, viz.: Visitacion Valley, Bay View, Ocean View, Ingleside, Sunset, Sunnyside, Islais Creek, Potrero, Richmond, as well as the "built up" portions of the City.

The reports of the City Engineer on this project are in such detail that it is impossible to give them in full in this brief circular. Moreover, the plans are subject to further modification, and the Board of Supervisors, at this time is not prepared to commit itself to the plan in its entirety. Before the actual carrying out of the entire project the Board proposes to consider all points involved, and so far as it may have the power, will insist that the sewer system when constructed will be the best that engineering skill can devise and will, within the limits of the Charter, exercise its full power of direction over the proposed improvement to prevent possible error or injustice. The Board will, however, endeavor to see that all sections of the City are provided with a sewer system, and that at the earliest possible date.

We wish to assure the voters that the construction of a proper sewer system is a **VERY PRESSING NECESSITY,** and can only be secured by a bond issue. Postponement means a continuing danger to the health of the City.

SCHOOL BUILDINGS.

This project is mainly a repetition of a similar one submitted in 1903, for which bonds to the amount of $3,595,000 were authorized About $1,000,000 of the former issue has been sold and the money expended. To carry out the original designs for new school houses and to provide for the replacement of the buildings destroyed by fire (29 in number) the Board of Education estimated an expenditure of $8,000,000. The Board of Supervisors concluded that at least $5,000,000 of this sum was an immediate and pressing necessity, and consent of the voters is asked to bond to this amount.

This sum will, according to the report of the City Architect, provide for the construction of twelve "Class A" fire-proof buildings to be constructed in the fire limits; nineteen "Special Construction," i. e., frame buildings covered both on exterior and interior with sheet metal, metal lath, and cement or hard finish. Also, three "Class A" high school buildings and a "Class C" addition to the Mission High School. Also lands will be acquired for new sites and additions to present sites to cost $595,000.

The schools provided for are named in the Architect's report as follows:

"CLASS A" BUILDINGS.

Adams Grammar School.—12 class rooms. North side of Eddy Street between Van Ness Avenue and Polk Street. Estimated cost, $120,000.

Denman Grammar School.—16 class rooms. North side of Page Street between Steiner and Pierce Streets. Estimated cost, $160,000.

Franklin Grammar School.—12 class rooms. Eighth Street near Harrison Street. Estimated cost, $120,000.

Hancock Grammar School.—16 class rooms. Filbert Street near Jones Street. Estimated cost, $160,000.

Jean Parker Grammar School.—16 class rooms. Broadway between Powell and Mason Streets. Estimated cost, $160,000.

John Swett Grammar School.—12 class rooms. McAllister Street between Franklin and Gough Streets. Estimated cost, $120,000.

Jefferson Primary School.—8 class rooms. Bryant Street between Sixth and Seventh Streets. Estimated cost, $80,000.

Lincoln Grammar School.—12 class rooms. Harrison Street near Fourth Street. Estimated cost, $120,000.

Oriental Public School.—8 class rooms. Clay Street and Powell. Estimated cost, $80,000.

Mission Grammar School.—16 class rooms. Mission Street between Fifteenth and Sixteenth Streets. Estimated cost, $160,000.

Irving Primary School.—8 class rooms. Broadway between Montgomery and Sansome Streets. Estimated cost, $80,000.

Spring Valley Grammar School.—12 class rooms. Washington Street between Hyde and Larkin Streets. Estimated cost, $120,000.

SPECIAL CONSTRUCTION BUILDINGS.

Bryant Cosmopolitan Primary School.—16 class rooms. York Street between Twenty-second and Twenty-third. Estimated cost, $100,000.

Clement Primary School.—12 class rooms. Day and Noe Streets. Estimated cost, $80,000.

Cooper Primary School.—16 class rooms. Greenwich Street between Jones and Leavenworth Streets. Estimated cost $100,000.

Peabody Primary School.—16 class rooms. Sixth Avenue near California Street. Estimated cost, $100,000.

Holly Park Primary School.—16 class rooms. Holly Park Avenue tween Highland Avenue and West Park. Estimated cost, $100,000.

Madison Primary School.—12 class rooms. Clay Street between alnut and Laurel Streets. Estimated cost, $80,000.

Marshall Primary School.—16 class rooms. Nineteenth Street tween Valencia and Guerrero Streets. Estimated cost, $100,000.

McKinley Primary School.—16 class rooms. Fourteenth and stro Streets. Estimated cost $100,000.

Sheridan Primary School.—16 class rooms. Minerva Street near ymouth Avenue. Estimated cost, $100,000.

South End Primary School.—16 class rooms. Burrow Street ween Berlin and Girard Streets. Estimated cost, $100,000.

Grattan Primary School.—16 class rooms. Alma Street near ttan Street. Estimated cost, $100,000.

Sutro Grammar School.—16 class rooms. Twelfth Avenue between ncord and California Streets. Estimated cost, $100,000.

West End Primary School.—12 class rooms. Mission Street ween Naglee and Worden Streets. Estimated cost, $75,000.

Lakeview Primary School.—16 class rooms. On block bounded by Plymouth and Grafton Streets, Golden State and Holloway Aves. Estimated cost, $100,000.

Jackson Primary School.—16 class rooms. North of Panhandle ween Stanyan and Baker Streets. Estimated cost, $100,000.

Cleveland Primary School.—12 class rooms. Block bounded by ss, Brazil, Athens and Moscow Streets. Estimated cost, $75,000.

Star King Primary School.—16 class rooms. San Bruno Avenue r Twenty-fifth Street. Estimated cost, $875,000.

F. J. McCoppin Primary School.—16 class rooms. Sixth Avenue tween B. and C. Streets. Estimated cost, $100,000.

CLASS "A" HIGH SCHOOL BUILDINGS.

Girls' High School.—20 class rooms. Scott Street between O'Far- and Grove Streets. Estimated cost, $450,000.

Street between

and Eighteenth Streets. Estimated cost

But the voters should be informed that the foregoing list is not to considered as an absolute determination of the particular buildings to be constructed. Changing conditions may demand corresponding ges in the plan above stated.

HOSPITAL BUILDINGS.

Since the authorization in 1903 of a bond issue of $1,000,000 for a ospital conditions respecting the care of patients and the treatment of disease have been changed and the requirements of the City in this respect have been enlarged. The former issue provided for the construction of the hospital on the Alms House site, and bonds to the amount of $250,000 were sold for this purpose. This sum the Supervisors have determined to be immediately expended in the construction of a building. This will be used temporarily so far as its capacity will admit, but it may be used for mild chronic cases, or as an adjunct to the Alms House. The main Alms House building having been recently destroyed by fire

The old City and County Hospital has been destroyed as being unsanitary and at present the City has no public hospital.

In the treatment of disease, medical experts declare that patients suffering from infectious and contagious diseases should be segregated. The plans for hospitals, therefore, contemplate a main building for acute and surgical cases, a group of buildings for chronic patients and another group for those suffering from mild contagious diseases.

The main building will be six or seven stories high, have accommodations for 600 patients and will be a "Class A" structure. The central building will be smaller but adequate for the purposes intended.

The sum of $1,000,000 is said to be a very modest estimate of the cost of a proposed structure and the proper equipment of the same. While the grand jury submitted estimates for the erection of the hospital on the Alms House site, it should be understood that this plan is entirely new and it may be found possible to secure a more favorable location

HALL OF JUSTICE AND COUNTY JAIL.

The Hall of Justice which was constructed about ten years ago, was destroyed in April, 1906, and it is necessary to replace it, together with the Jail and additions contemplated by the bond issue of 1903. Nearly all of the additional lands necessary for this purpose have been acquired by the proceeds of the bonds sold from the aforesaid issue. It may be necessary to purchase a little more. The building to be constructed will be larger than the former building that was destroyed, and of more substantial construction. It will be of "Class A" and fire and earthquake proof. It will accommodate the Police Department, all of the Criminal Courts, the District Attorney, the Health Department, Emergency Hospital, and possibly some other departments. As the reconstruction of the City Hall is likely to be postponed for a short time at least, the necessity for the immediate construction of one substantial municipal building is imperative.

GARBAGE DISPOSAL SYSTEM.

In 1896 an exclusive franchise was granted to the Sanitary Reduction Company (Assignee), to destroy all of the waste of the City. The works of the Company are located, the incinerator at De Haro and Fifteenth Streets and the reduction works at Fifth Avenue and M. Street South.

The City Engineer in his report on this subject states:

"Ever since these plants have been in operation they have been creating constantly increasing nuisances. The incinerating plant being located near the center of population, is particularly offensive. The open bins into which the refuse is dumped from the scavenger wagons permit the escape of obnoxious sickly odors, and, in addition, large quantities of rubbish are frequently burned in the open air inside the fence inclosing the plant. The smoke from the open fires, together with the sickly odors from the open bins pollute the atmosphere for upwards of half a mile from the plant."

'The principal objections to the incinerating plant is caused by the smoke from the stack, which contains more or less paper and fine dust and organic matter, which gives it a most obnoxious odor. In fact, it may be stated that this smoke [illegible] s of the City, the exact lo[illegible] wind."

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ed themselves with moder[illegible]

isco is not up to date in this respect, and it is the desire of the present Board of Supervisors to provide a proper system for the disposal of garbage that will not be a menace to the public health nor an offense to the residents of any section of the City.

To do this it is proposed that the City construct two modern incinerators that will consume all of the refuse in an absolutely sanitary manner; there will be no smoke, no obnoxious gases or odors. Two, and possibly more, such incinerators may be necessary in order to obviate the hauling of garbage for long distances.

It may be necessary, in order to avoid complications that may arise from the exclusive franchise granted in 1896, to purchase the existing crematory. This has been appraised at $385,000.

The Engineer's estimate of the cost of a plant to consume 700 tons a day is $688,000, and of a plant to consume 250 tons a day is $312,000; or $1,000,000 for the two plants, which the City would require at once.

The cost of an outfit for the collection of garbage would cost $250,000, but this has not been provided for in this bond issue.

PROJECTS POSTPONED

Several other projects were considered by [illegible] visors in connection with this bond issue, to wi[illegible] Library, Street Improvements, Fire Departme[illegible] Widening, Parks and Play Grounds. It is [illegible] improvements and Fire Department buildings shall be provided for in the tax levy for this year, as that method will secure more speedy results than can be had through the medium of a bond issue. The other projects will be further investigated and another bond issue will be proposed covering them as soon as financial conditions will permit the sale of bonds at a rate of interest that will not impose a heavy burden upon the taxpayers.

SPECIAL REQUEST TO VOTERS.

As the law requires that two-thirds of all the votes cast AT THE ELECTION shall be in favor of [illegible] osition to issue bonds, in order to [illegible] re requested to VOTE ON ALL PR[illegible] any proposition is, in effect the [illegible] erefore, be indifferent. Investi[illegible] on each one of them, according